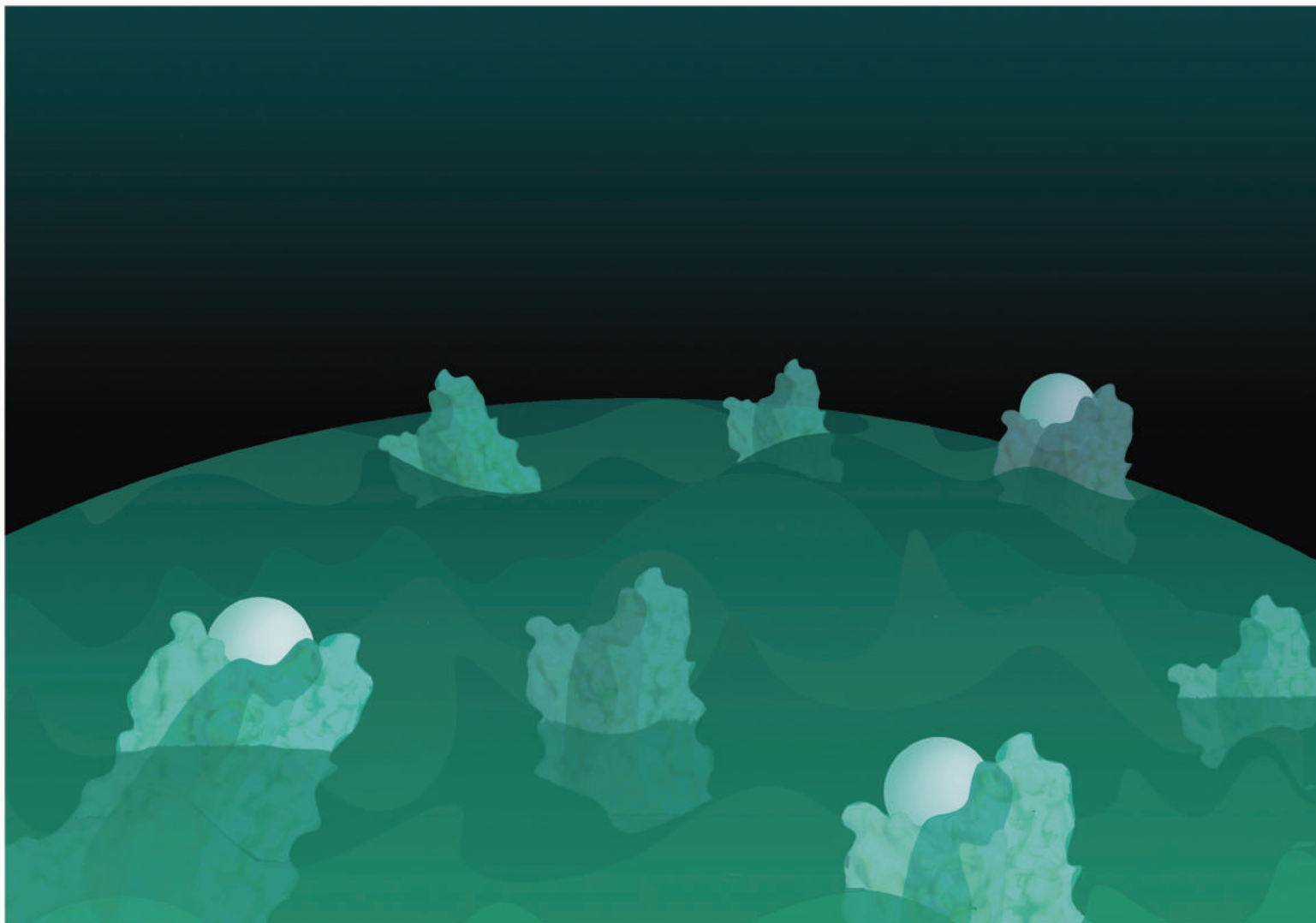


# BPS KINASES

Assay Kits | Active Enzymes | Substrates | Inhibitors

PHOSPHORYLATION,  
SIGNAL TRANSDUCTION,  
CELL DIVISION & MODIFICATION





# Explore Cellular Functions

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# BPS Bioscience Advantages

Scientist Founded, Scientist Driven



## Produced In-house

- Made in the USA at our San Diego, California laboratory
- Get customized, personal support directly from the source



## Expansive Portfolio

- Active kinase complexes: >MTOR, 10 PI3, AMPK subunits, and more
- Active kinase mutants: TRK mutants, LRRK2 mutants, JAK2 mutants, cKit mutants, and >35 EGFR mutants
- >40 activity assay kits



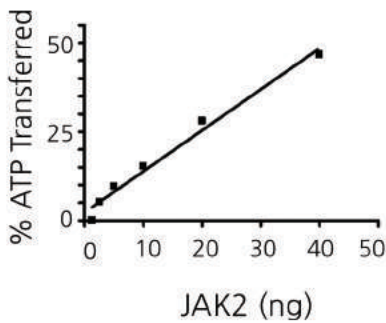
## Protein Expression & Screening Services

- Unique panel of 50+ assays for evaluation of lead compounds
- Select from IC50 determination and single point concentrations
- Perform follow up studies using the same proteins manufactured in-house

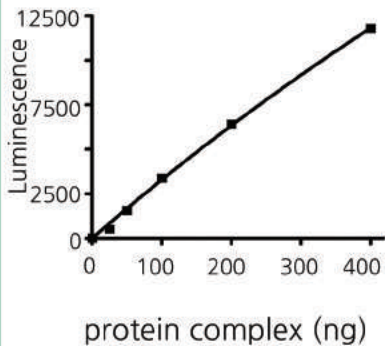
# Recombinant Proteins

Highly Pure & Active

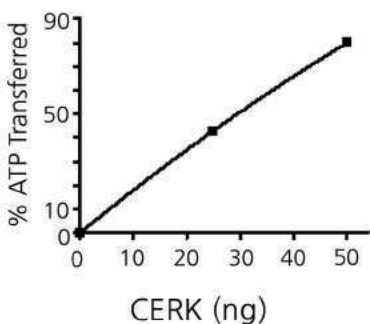
JAK2, His-Tag  
(JH1 Domain)  
Specific Activity



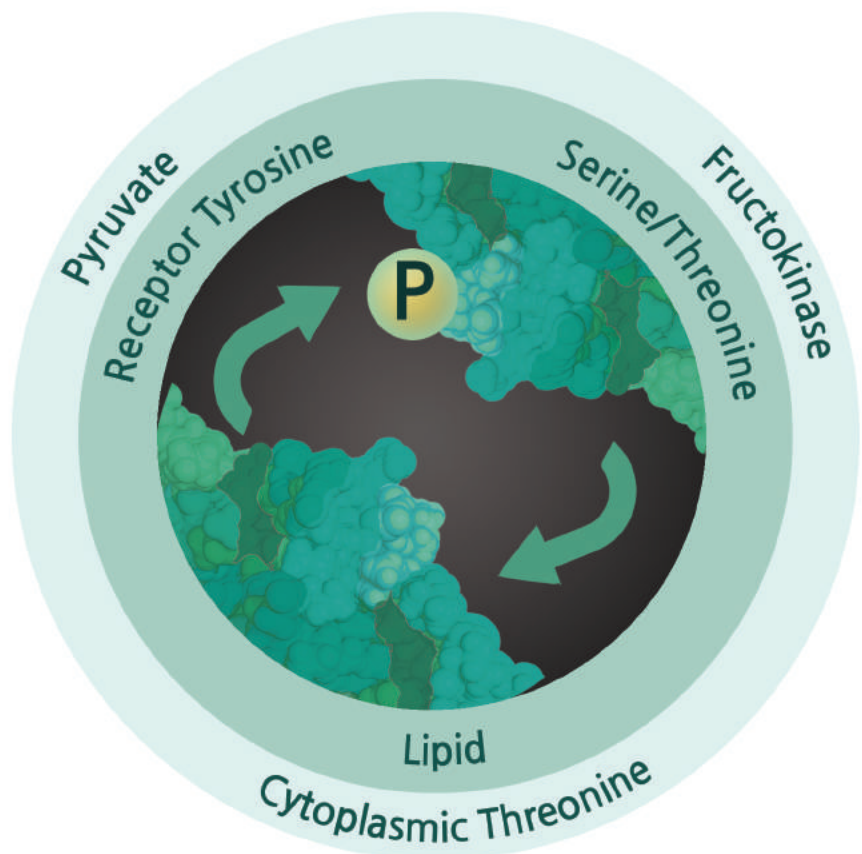
LKB1/MO25/STRAD  
Complex Specific Activity



Ceramide Kinase  
FLAG-Tag,  
Specific Activity



- Targets from six families: lipid, receptor tyrosine, serine threonine, cytoplasmic threonine, pyruvate, and fructokinase
- Targets from seven sub-families: AGCm, CAMP, CK1, CMGC, STE, TKL, and atypical
- Substrates and inhibitors also available
- Active kinase mutants: TRK, LRRk2, JAK2, cKIT, and >35 EGFR mutants
- Active kinase complexes: >10 PI3 complexes, AMPK subunits, and more
- Bulk production projects available upon request



# Assay Kits

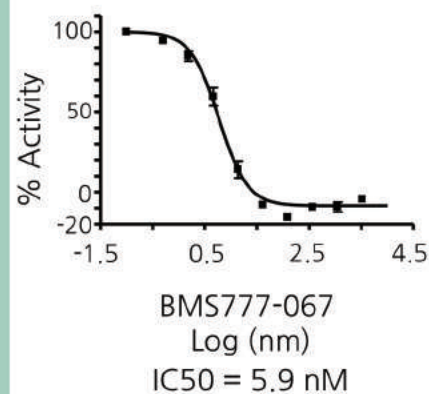
## Biochemical Kits

Our assay kits are offered in four key formats. Through orthogonal testing, you can confirm results which are closer to the target's physiological conditions. Test your target in the assay kits which best fit your research needs, or have us develop a custom assay for you.

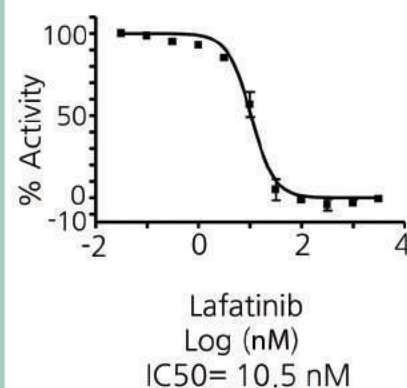
AlphaScreen  
Chemiluminescent  
Fluorescence-Polarization  
TR-FRET

				Study enzyme kinetics
				Screen small molecule inhibitors
				Sensitive and robust
				Binding assay kits
				Enzymatic assay kits
				Low intra and inter assay variability
				Compatible with broad range of assay conditions
				Low background signal
				Useful for orthogonal testing
				Homogeneous
				High-throughput screening
				Broad dynamic range
				Read time flexibility
				Long signal stability

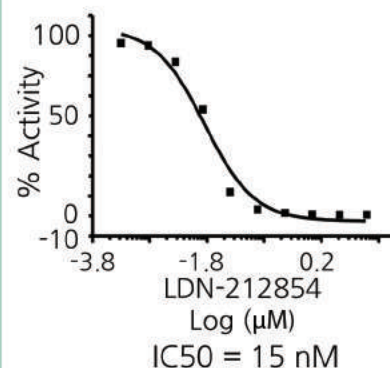
### TYRO3 Specific Activity



### EGFR Specific Activity



### ALK1 Specific Activity



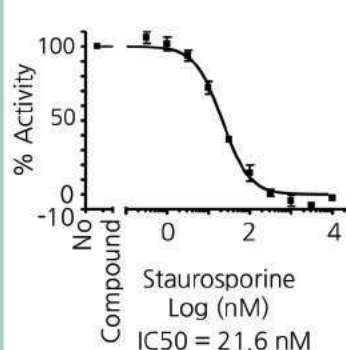
# Screening & Profiling

## Biochemical Screening Services

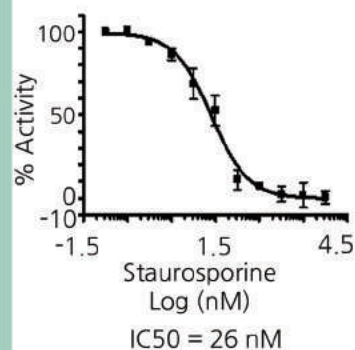
### Expand Your Drug Discovery Program

- Screen for inhibitors/targets
- Choose from >60 kinase targets for screening
- Select from IC50 determination and single point concentrations
- Receive data 2-3 weeks from compound submission
- Perform follow-up studies using the same soluble receptors manufactured in-house
- Get questions answered or project guidance in a time-efficient manner

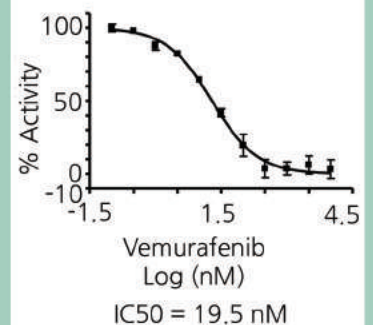
#### HER2 Specific Activity



#### BTK Specific Activity



#### BRAF (V600E) Specific Activity





# Kinase Assay Kits / Lipid Kinases

## Ordering Information

Product	Catalog#	Size	Product	Catalog#	Size
5X Raf Substrate	79569	1 ml	Ceramide Kinase, FLAG-tag	40617	10 µg
ABL (T315I) Assay Kit	79576	96 reactions	CERK, FLAG-Tag (Mouse)	79413	10 µg
ALK1 Kinase Assay Kit	79549	96 reactions	CERK, FLAG-Tag (Rat)	79414	10 µg
ALK2 Kinase Assay Kit	79605	96 Reactions	IP6K2, Biotin-labeled, His-tag, Avi-tag	40643	10 µg
ATP (500 µM)	79686	200 µl	IP6K2, FLAG-His-tags	40642	20 µg
B-Raf(V600E) Kinase Assay Kit	48688	96 reactions	Mouse Sphingosine kinase 1a, His-tag	40613	10 µg
BTK Assay Kit	79568	96 reactions	Mouse Sphingosine kinase 2, His-tag	40614	10 µg
c-Mer Kinase Assay Kit	79660	96 Reactions	p85α, His-tag	40630	100 µg
c-Met Kinase Assay Kit	79559	96 reactions	PI3 Kinase (p110α/p55γ), His-Tag	40645	10 µg
c-Raf Kinase Assay Kit	79570	96 rxns	PI3 kinase (p110α/p85α), FLAG-tag	40620	20 µg
CDK1 Assay Kit	79597	96 Reactions	PI3 kinase (p110α/p85α), GST-tag	40621	20 µg
CDK2 Assay Kit	79599	96 Reactions	PI3 kinase (p110β/p85α), FLAG-tag	40622	20 µg
CDK4 Assay Kit	79674	96 Reactions	PI3 kinase (p110γ/PIK3R5) complex, His-tag, GST-tag	40626	20 µg
CDK5 Assay Kit	79600	96 Reactions	PI3 kinase (p110δ/p85α), GST-tag	40628	20 µg
CDK7 Assay Kit	79603	96 Reactions	PI3 kinase (p120γ), His-tag	40625	20 µg
CDK9 Assay Kit	79628	96 Reactions	PI3 Kinase [p110α (E545K)/p85α], His-Tag	40644	10 µg
EGFR (T790M/C797S/ L858R) Kinase Assay Kit	40326	96 reactions	PI3 Kinase [p110α (N345K)/p85α], His-Tag	40646	10 µg
EGFR Kinase Assay Kit	40321	96 reactions	PI3 kinase [p110α(E545K)/p85α], FLAG-tag	40640	20 µg
EGFR(L858R) Kinase Assay Kit	40324	96 reactions	PI3 kinase [p110α(H1047R)/p85α], FLAG-tag	40641	20 µg
EGFR(T790M) Kinase Assay Kit	40323	96 reactions	PIP5K1A, GST-tag	40305	10 µg
EGFR(T790M/L858R) Kinase Assay Kit	40322	96 reactions	Sphingosine kinase 1, His-tag	40610	20 µg
FAK Kinase Assay Kit	40722	96 reactions	Sphingosine kinase 2 (long), His-tag	40612	10 µg
GSK3α Assay Kit	79698	96 reactions	Sphingosine kinase 2, His-tag	40611	20 µg
GSK3β Assay Kit	79700	96 reactions	Sphingosine-1-phosphate lyase1, His-tag	50300	10 µg
HER2 Kinase Assay Kit	40721	96 reactions	Staurosporine	27002	1 mg
JAK1 (Janus Kinase 1) Assay Kit	79518	96 reactions	VPS34, FLAG-tag	40690	20 µg
JAK2 (Janus Kinase 2) Assay Kit	79520	96 reactions			
JAK3 (Janus Kinase 3) Assay Kit	79521	96 reactions			
Kinase Buffer 1	79334	10 ml			
RET Assay Kit	79566	96 reactions			
RIPK1 Kinase Assay Kit	79560	96 Reactions			
RIPK1 Kinase Assay Kit (384-well)	79689	384 reactions			
SRC Assay Kit	79680	96 Reactions			
SYK Assay Kit	79671	96 Reactions			
TrkA Assay Kit	79548	96 reactions			
TYK2 (Tyrosine Kinase 2) Assay Kit	79527	96 reactions			
TYR Phosphorylation Assay Kit	79502	96 reactions			

# Receptor Tyrosine Kinases

## Ordering Information

Product	Catalog#	Size	Product	Catalog#	Size
ACK1, GST-tag	40400	10 µg	EGFR (P753S), DEL 747-752, GST-Tag	79439	10 µg
ALK, GST-tag	40214	10 µg	EGFR (T790M C797S), DEL 746-750, GST-Tag	79434	10 µg
ALK1, GST-tag	40018	10 µg	EGFR (T790M C797S), GST-Tag	79453	10 µg
ALK2, GST-tag	40019	10 µg	EGFR (T790M L858R), DEL 746-750, GST-Tag	79435	10 µg
ALK4, GST-tag	40020	10 µg	EGFR (T790M L978I), DEL 746-750, GST-Tag	79436	10 µg
AXL, FLAG-Tag	100174	10 µg	EGFR (T790M), His-tag, GST-tag	40188	10 µg
Axl, GST-tag	40180	10 µg	EGFR (T790M, C797S, L858R), His-Tag, GST-tag	40351	10 µg
BLK, GST-tag	40401	10 µg	EGFR (T790M, L858R), His-tag, GST-tag	40350	10 µg
BMX, GST-tag	40402	10 µg	EGFR (T790M/C797S/ L858R) Kinase Assay Kit	40326	96 reactions
BRK, GST-tag	40403	10 µg	EGFR Kinase Assay Kit	40321	96 reactions
BTK, GST-tag	40405	10 µg	EGFR, DEL 747-749, GST-Tag	79438	10 µg
c-Mer, GST-tag (Human)	40254	10 µg	EGFR, DEL 752-759, GST-Tag	79440	10 µg
cKit (D816V), His-tag	40252	10 µg	EGFR, His-tag, GST-tag	40187	10 µg
cKit (V560G), His-tag	40253	10 µg	EGFR, INS A763-FHEA-Y764, GST-Tag	79427	10 µg
cKit (V654A), His-tag	40251	10 µg	EGFR, INS D770-GF-N771, GST-Tag	79443	10 µg
cKit, His-tag	40250	10 µg	EGFR, INS D770-NPG-N771, GST-Tag	79444	10 µg
cMet, GST-tag	40255	10 µg	EGFR, INS H773-AH-V774, GST-Tag	79448	10 µg
CSK, GST-tag	40410	10 µg	EGFR, INS H773-H-V774, GST-Tag	79449	10 µg
DDR1, GST-tag	40184	10 µg	EGFR, INS P772-NPH-H773, GST-Tag	79452	10 µg
DDR2, GST-tag	40185	10 µg	EPHA1, GST-tag	40191	10 µg
EGFR (A750P), DEL 747-749, GST-Tag	79437	10 µg	EPHA2, His-tag	40190	10 µg
EGFR (C775S T790M L858R), DEL 746-750, GST-Tag	79431	10 µg	EPHA3, GST-tag	40192	10 µg
EGFR (C775S T790M L858R), GST-Tag	79428	10 µg	EPHA4, GST-tag	40193	10 µg
EGFR (C797A), DEL 746-750, GST-Tag	79432	10 µg	EPHA6, GST-tag	40194	10 µg
EGFR (C797A), GST-Tag	79454	10 µg	EPHB2, His-tag	40200	10 µg
EGFR (C797S) GST-Tag	79430	10 µg	EPHB3, GST-tag	40186	10 µg
EGFR (C797S), DEL 746-750, GST-Tag	79433	10 µg	EPHB4, His-tag	40201	10 µg
EGFR (D761Y), GST-Tag	79441	10 µg	FAK, GST-tag	40420	10 µg
EGFR (D770GY), GST-Tag	79442	10 µg	FES, His-FLAG-tag	40425	10 µg
EGFR (G719C), GST-Tag	79445	10 µg	FGFR3 (L496V), His-Tag	100142	10 µg
EGFR (G719D), GST-Tag	79446	10 µg	FGFR3 (V443L), His-Tag	100138	10 µg
EGFR (G719S), GST-Tag	79447	10 µg	FGFR3 (V443M), His-Tag	100140	10 µg
EGFR (L747S), GST-Tag	79450	10 µg	FGR, GST-tag	40422	10 µg
EGFR (L858R), GST-tag	40189	10 µg	FRK, GST-tag	40424	10 µg
EGFR (L861Q), GST-Tag	79451	10 µg	HCK, GST-tag	40440	10 µg

# Receptor Tyrosine Kinases

## Ordering Information

Product	Catalog#	Size	Product	Catalog#	Size
HER2, GST-tag	40230	10 µg	Mouse EGFR, FLAG-tag	40195	10 µg
HER4, GST-tag	40232	10 µg	Mouse EPHB1, GST-tag	40199	10 µg
Human IGFBP-3	90165-B	25 µg	Mouse ITK, GST-tag	40446	10 µg
Human IGFBP-3	90165-A	5 µg	PDGF-BB	90800-2	100 µg
Human Insulin	90202-B	250 mg	PDGF-BB	90800-1	10 µg
Human Insulin	90202-A	50 mg	PDGF-BB	90800-3	1000 µg
Human Insulin Like Growth Factor-I	90166-A	20 µg	PDGFRα, GST-tag	40261	10 µg
Human Insulin Like Growth Factor-I	90166-B	100 µg	PDGFRα, Mouse, GST-tag	40260	10 µg
IGF-1R, GST-tag	40240	10 µg	PDGFRα (D842V), GST-Tag	79633	10 µg
Insulin receptor (INSR), GST-tag	40241	10 µg	PDGFRα (D842Y), GST-Tag	100201	10 µg
ITK, GST-tag	40445	10 µg	PDGFRβ, His-tag	40263	10 µg
Jak1, GST-tag	40449	10 µg	PYK2, His-tag	40480	10 µg
Jak2 (JH1 domain), His-tag	40450	20 µg	Rat ITK, GST-tag	40447	10 µg
Jak2 (JH1, JH2 domain), GST-Tag, Avi-Tag, Biotin (Dephosphorylated)	79495	10 µg	ROR1, GST-tag	40396	10 µg
Jak2 (JH1, JH2 domain), His-GST-tags	40451	20 µg	ROR2, Fc-Fusion (IgG1), Avi-Tag HiP™	100029	100 µg
Jak2 (JH2 Domain) (E596A, V617F, W659A, W777A, F794H), His-Tag	100122	20 µg	ROR2, GST-tag	40296	10 µg
Jak2 (JH2 Domain) (V617F, W659A, W777A, F794H), His-Tag	100124	20 µg	SRC, GST-tag	40483	10 µg
Jak2 (JH2 Domain) (V617F, W659A, W777A, F794H), His-Avi-Tag, Biotin-Labeled	100100	10 µg	SRC, His-tag	40484	10 µg
Jak2 (JH2 Domain) (W659A, W777A, F794H), His-Tag	100123	20 µg	SYK, Catalytic, GST-tag	40487	10 µg
JAK2 (JH2 Domain), His-Avi-Tag, Biotin-Labeled	79074	10 µg	SYK, Full length, GST-tag	40485	10 µg
Jak2 (V617F) (JH1, JH2 Domain), GST-Tag	79382	20 µg	Tie2, GST-tag	40370	10 µg
Jak2 (V617F) (JH1, JH2 Domain), GST-Tag, Avi-Tag, Biotin-Labeled (Dephosphorylated)	79115	10 µg	Tie2, His-tag	40270	10 µg
Jak2 (V617F) (JH2 Domain), His-Avi-Tag, Biotin-Labeled	79075	10 µg	TNK1, GST-Th-Tag	80019	100 µg
Jak2 (V617F), FLAG-Avi-Tag, Biotin-Labeled (Desphosphorylated)	79426	10 µg	TPM3-TRKA Mutant, GST-Tag	79080	10 µg
Jak2 (V617F, W659A, W777A, F794H) (JH2 Domain), His-Avi-Tag, Biotin	79498	10 µg	TRKA, GST-tag	40280	10 µg
Jak2 (W659A, W777A, F794H) (JH2 Domain), His-Avi-Tag, Biotin	79463	10 µg	TRKC (G623E) Mutant, Active	40204	10 µg
Jak3, His-tag	40452	10 µg	TRKC (G623R L686M), Mutant, Active	40215	10 µg
LCK, GST-tag	40470	10 µg	TRKC (G623R) Mutant, Active	40203	10 µg
LYNB, GST-tag	40472	10 µg	TRKC (L686M), Mutant, Active	40216	10 µg
MLCK, GST-tag	40127	10 µg	VEGFR2 (KDR) Kinase Assay Kit	40325	96 reactions
			VEGFR2 (KDR), GST-tag	40301	10 µg
			VEGFR2 / NFAT Reporter – HEK293 Recombinant Cell Line	79387	2 Vials
			VEGFR3 (Flt4), GST-tag	40302	10 µg
			ZAP70, GST-tag	40490	10 µg

# Serine/Threonine Kinases

## Ordering Information

Product	Catalog#	Size	Product	Catalog#	Size
Abl Kinase Mutant (T315I), His-tag	40415	10 µg	CAMK1δ, GST-tag	40037	10 µg
Abl Kinase, His-tag	40411	10 µg	CAMK2δ, GST-tag	41109	10 µg
ABL2, His-tag	40417	10 µg	CAMK2α, GST-tag	40038	10 µg
ALK , GST-tag	40214	10 µg	CAMK2β, His-tag, GST-tag	40041	10 µg
ALK1, GST-tag	40018	10 µg	CAMK2γ, GST-tag	40042	10 µg
ALK2, FLAG-Tag, Avi-Tag, Biotin-Labeled	100176	10 µg	CAMK2δ, GST-tag	40043	10 µg
ALK2, GST-tag	40019	10 µg	CAMK4, GST-tag	40029	10 µg
ALK4, GST-tag	40020	10 µg	CAMKK1, GST-tag	40044	10 µg
AMPK (A1/B1/G1), His-tags	40025	10 µg	CAMKK2, GST-tag	40046	10 µg
AMPK (A1/B1/G2), His-tag	40701	5 µg	CDK1/CyclinA2, GST-tag	40100	10 µg
AMPK (A1/B1/G2), His-tags	40021	10 µg	CDK1/CyclinB1, GST-tag	40454	10 µg
AMPK (A1/B1/G3), His-tag	40702	5 µg	CDK2 (no tag)/CyclinA2, His-GST-tags	41101	10 µg
AMPK (A1/B1/G3), His-tags	40022	10 µg	CDK2/CyclinA2, GST-tag	40101	10 µg
AMPK (A1/B2/G1), His-tag	40703	5 µg	CDK2/CyclinE1, GST-tag	40102	10 µg
AMPK (A1/B2/G1), His-tags	40023	10 µg	CDK3/CyclinE1, GST-tag	40103	10 µg
AMPK (A2/ B1/G1), His-tag	40704	5 µg	CDK4(EE,T172A)/Cyclin D1, His-tag	40094	20 µg
AMPK (A2/B1/G1), His-tags	40024	10 µg	CDK4, FLAG-Tag	100052	20 µg
AMPK (A2/B2/G1), His-tag	40705	5 µg	CDK4/CyclinD3, GST-His-Tag	40104	10 µg
AMPK (A2/B2/G1), His-tags	40026	10 µg	CDK5/p25, GST-tag	40105	10 µg
AMPK (A2/B2/G2), His-tag	40706	5 µg	CDK5/p35, GST-tag	40095	10 µg
AMPK (A2/B2/G2), His-tags	40027	10 µg	CDK6, His-Tag	100031	20 µg
aRAF, His-tag	40010	10 µg	CDK6/CyclinD1, His-tag, GST-tag	40097	10 µg
Ask1, GST-tag	40028	10 µg	CDK6/CyclinD3, His-tags	40206	20 µg
Aurora A Protein Kinase, His-Tag	40004	10 µg	CDK7/CyclinH1/MNAT1, His-tags	40098	10 µg
AURORA C, GST-tag	40178	10 µg	CDK9/CyclinK, GST-tag	40106	10 µg
Aurora Kinase B, GST-tag, His-tag	40002	10 µg	CDK9/CyclinT1, GST-tag	40307	10 µg
BRAF (V600E), GST-tag	40533	10 µg	CHK1, GST-tag	40039	10 µg
BRAF, GST-tag	40065	10 µg	CHK2, His-tag	40040	10 µg
BRAF, His-Tag (High Expression)	41237	10 µg	CK1 alpha, GST-Tag	79346	10 µg
BRAF/p50, FLAG-tag	40005	10 µg	CK1 delta, GST-Tag	79347	10 µg
BRSK2, His-tag	40016	10 µg	CK1 epsilon, GST-Tag	79349	10 µg
CAMK1, Mouse, GST-tag	40030	10 µg	CK1 gamma, GST-Tag	79348	10 µg
CAMK1β, Mouse, GST-tag	40031	10 µg	cRAF (RAF1)	40008	10 µg
CAMK1γ, GST-tag	40036	10 µg	DAPK1, GST-tag	40051	10 µg
CAMK1γ, GST-tag	40032	10 µg	DAPK2, GST-tag	40049	10 µg

# Serine/Threonine Kinases

## Ordering Information

Product	Catalog#	Size	Product	Catalog#	Size
DAPK3, GST-tag	40052	10 µg	LRRK2 (I2020T), GST-Tag	40834	10 µg
DCAMKL1, GST-tag	40047	10 µg	LRRK2 (R1441C), GST-Tag	40835	10 µg
DCAMKL2, GST-tag	40048	10 µg	LRRK2 (R1441G), GST-Tag	40836	10 µg
DLK, GST-Tag	79345	50 µg	LRRK2 (R1441H), GST-Tag	40837	10 µg
EEF2K, GST-tag	40057	10 µg	LRRK2 (Y1699C), GST-Tag	40838	10 µg
EIF2AK2, GST-tag	40058	10 µg	LRRK2 (Y1699G), GST-Tag	40839	10 µg
EIF2AK3, GST-tag	40059	10 µg	LRRK2, GST-Tag	40842	10 µg
eIF4E, GST-tag	40530	100 µg	MAPK10 (JNK3), GST-tag	40092	10 µg
EIF4EBP1, His-tag	40510	100 µg	MAPK14, Inactive, GST-tag	40091	100 µg
ERN1 (IRE1), GST-tag	40306	10 µg	MAPKAPK2, His-tag	40116	10 µg
GCK (MAP4K2), GST-tag	40107	10 µg	MAPKAPK2, Inactive, GST-tag	40088	100 µg
GRK2, GST-tag	40060	10 µg	MAPKAPK3, GST-tag	40117	10 µg
GRK5, GST-tag	40063	10 µg	MAPKAPK5, GST-tag	40118	10 µg
GRK6, GST-tag	40066	10 µg	MARK1, GST-tag	40119	10 µg
GRK7, GST-tag	40108	10 µg	MARK3, GST-tag	40120	10 µg
GSK3α	40006	10 µg	MEK1 (K97R), Inactive, His-tag	40075	100 µg
GSK3β	40007	10 µg	MEK1, GST-tag	40123	10 µg
HGK (MAP4K4 ), GST-tag	40109	10 µg	MEK1, Non-activated, GST-tag	40531	50 µg
HIPK1, GST-tag	40179	10 µg	MEK2, GST-tag	40125	10 µg
HIPK3, His-tag	40110	10 µg	MEKK2, GST-tag	40122	10 µg
HIPK4, GST-tag	40111	10 µg	MEKK3, GST-tag	40124	10 µg
Human IRE1, His-tag	40709	10 µg	MINK1, GST-tag	40126	10 µg
ICK, GST-tag	40112	10 µg	MLCK, GST-tag	40127	10 µg
IKKβ, GST-tag	40304	10 µg	MNK1 (T385D), GST-tag	40078	10 µg
IRAK1, His-tag	40202	10 µg	MNK2, GST-tag	40128	10 µg
IRAK2, GST-tag	40087	10 µg	Mouse AURORA A, GST-tag	40177	10 µg
IRAK4, GST-tag	40064	10 µg	Mouse MEK1 (EE), GST-tag	40121	10 µg
JNK1-β1(K55M), Kinase Deficient, GST-tag	40871	100 µg	MSSK1 (SRPK3), GST-tag	40132	10 µg
JNK2, GST-tag	40113	10 µg	MST3, GST-tag	40133	10 µg
KHS1 (GCKR), GST-tag	40115	10 µg	MST4, GST-tag	40134	10 µg
LKB1/MO25/STRAD Complex, STK11, His-tag, MO25, GST-tag, STRAD	40069	20 µg	mTOR/Raptor/mLST8 Complex, FLAG-tag, His-tag (Human)	40300	10 µg
Lok1 (Stk10), His-tag	40074	10 µg	MUSK, His-tag	40079	10 µg
LRRK2 (D1994A), GST-Tag	40831	10 µg	MYLK2, His-tag	40135	10 µg
LRRK2 (G2019S), GST-Tag	40832	10 µg	MYLK3, GST-tag	40136	10 µg
LRRK2 (G2385R), GST-Tag	40833	10 µg	MYO3β, GST-tag	40137	10 µg

# Serine/Threonine Kinases

## Ordering Information

Product	Catalog#	Size	Product	Catalog#	Size
NDR, GST-tag	40138	10 µg	PKCη (PKCeta), GST-tag	40164	10 µg
NEK11, GST-tag	40139	10 µg	PKCγ (PKCgamma), GST-tag	40160	10 µg
NEK2	40009	10 µg	PKCμ (PKCmu), GST-tag	40166	10 µg
NEK3, GST-tag	40140	10 µg	PKCν (PKCnu), GST-tag	40167	10 µg
NEK6, His-tag	40014	10 µg	PKCθ (PKCtheta), GST-tag	40165	10 µg
NEK7, GST-tag	40141	10 µg	PKCζ (PKCzeta), GST-tag	40163	10 µg
NEK9, GST-tag	40142	10 µg	PKN1 (PRK1), GST-Tag	79678	10 µg
p38α, GST-tag	40070	10 µg	PKN2 (PRK2), GST-tag	40169	10 µg
p38β, GST-tag	40143	10 µg	PLK1 Polo Box Domain, GST-tag	50301	100 µg
p38γ (p38gamma), GST-tag	40144	10 µg	PLK1, His-tag	40033	10 µg
p38δ (p38delta), GST-tag	40145	10 µg	PLK2, GST-tag	40034	10 µg
p70S6K (S6K1), GST-tag	40062	20 µg	PLK3 Polo Box Domain, MBP-tag, His-tag	50302	100 µg
p70S6Kb, GST-tag	40146	10 µg	PLK3, His-tag	40035	10 µg
PAK1	40072	10 µg	PLK4, GST-tag	40236	10 µg
PAK2	40073	10 µg	PRKG1, GST-tag	40175	10 µg
PAK4	40076	10 µg	PRKG2, GST-tag	40170	10 µg
PAK5, His-tag	40077	10 µg	PRKX, GST-tag	40171	10 µg
PAK6, His-tag	40081	10 µg	QIK, GST-tag	40264	10 µg
PDGFRα (D842I), GST-Tag	100202	10 µg	RIPK1, GST-Th-Tag	40371	10 µg
PDK1, GST-tag	40080	10 µg	RIPK2, GST-tag	40173	10 µg
PHKG1, GST-tag	40150	10 µg	RIPK5, GST-tag	40174	10 µg
PHKG2, GST-tag	40151	10 µg	ROCK1, GST-tag	40085	10 µg
PIM1, Active, GST-tag	41107	10 µg	ROCK2, GST-tag	40086	10 µg
PIM2, GST-tag	40153	10 µg	RSK1, GST-tag	40172	10 µg
PIM3, Active, GST-tag	41108	10 µg	RSK2, GST-tag	40181	10 µg
PKAα, GST-tag	40154	10 µg	RSK3, GST-tag	40182	10 µg
PKAαβ, GST-tag	40155	10 µg	RSK4, GST-tag	40183	10 µg
PKAγ, GST-tag	40156	10 µg	SGK1, GST-tag	40271	10 µg
PKAα, His-Tag	79044	10 µg	SGK2, GST-tag	40272	10 µg
PKC I/λ, GST-tag	40015	10 µg	SGK3, GST-tag	40273	10 µg
PKCα (PKCalpha), GST-tag	40157	10 µg	SIK (SNF1LK), His-tag	40274	10 µg
PKCβ I (PKCbeta1), GST-tag	40158	10 µg	SOK1, GST-tag	40276	10 µg
PKCβ II (PKCbeta2), GST-tag	40159	10 µg	SRPK1, GST-tag	40277	10 µg
PKCδ (PKCdelta), GST-tag	40161	10 µg	SRPK2, GST-tag	40278	10 µg
PKCε (PKCepsilon), GST-tag	40162	10 µg	TAK1-TAB1, GST-tag	40279	10 µg

# Kinase Substrates / Inhibitors

## Ordering Information

Product	Catalog#	Size	Product	Catalog#	Size
14-3-3 alpha/beta Protein, His-tag (Human)	79023	20 µg	A-769662	27057	10 mg
14-3-3 alpha/beta Protein, His-tag (Mouse)	79024	20 µg	Afatinib	27009	10 mg
14-3-3 epsilon Protein, His-tag (Human)	79025	20 µg	Alvocidib	27058	25 mg
14-3-3 epsilon Protein, His-tag (Mouse)	79026	20 µg	Axitinib	27064	50 mg
14-3-3 sigma Protein, His-tag (Human)	79037	20 µg	Cediranib	27036	5 mg
14-3-3 theta Protein, His-tag (Human)	79038	20 µg	CHIR-99021 (CT99021)	27614-2	25 mg
14-3-3 zeta Protein, His-tag (Human)	79039	20 µg	CHIR-99021 (CT99021)	27614-3	100 mg
14-3-3 zeta Protein, His-tag (Mouse)	79040	20 µg	CHIR-99021 (CT99021) HCl	27615-2	5 mg
AKT1, Inactive, His-tag	40000	100 µg	CHIR-99021 (CT99021) HCl	27615-3	100 mg
ATF2, GST-tag	40520	1 mg	Doramapimod	27034	25 mg
c-Myc, His-tag	40453	100 µg	Fasudil	27029	250 mg
Calmodulin, His-tag	81152	50 µg	GDC-0941	27000	25 mg
CERK Substrate	40619	300 reactions	Gefitinib	27032	1 g
CERK Substrate	40618	150 reactions	Geldanamycin	27008	10 µl
Cofilin 1, GST-tag	40525	200 µg	HA-1077	27030	250 mg
eIF4E, GST-tag	40530	100 µg	K252a	27033	5 mg
EIF4EBP1, His-tag	40510	100 µg	LY-294002	27038	50 mg
Histone H1, Full Length, His-tag	52042	1 mg	PD 173074	27056	5 mg
Histone H3, Full Length, His-tag	52027	100 µg	PI-103	27502-2	25 mg
Histone H3, Full Length, His-tag	52023	1 mg	PI-103	27502-1	5 mg
Human/Mouse ERK2 (K52R), Inactive, His-tag	40056	100 µg	PP242	27063	10 mg
JNK1-β1(K55M), Kinase Deficient, GST-tag	40871	100 µg	Rapamycin	27062	50 mg
LAT, His-tag (Human)	71188	20 µg	Ruxolitinib, Phosphate	27059	10 mg
MAPK14, Inactive, GST-tag	40091	100 µg	SGL-1776 free base	27651-3	50 mg
MBP, His-tag	40535	100 µg	SGL-1776 free base	27651-1	5 mg
MEK1 (K97R), Inactive, His-tag	40075	100 µg	SGL-1776 free base	27651-2	10 mg
Mouse LC20, GST-tag	50127	20 µg	SMI-4a	27774-1	10 mg
p53, GST-tag	40511	20 µg	SMI-4a	27774-2	50 mg
PI-3 Kinase Lipid Substrate	40560	1 mg	Sorafenib Tosylate	27014	500 mg
RB, GST-tag	40595	200 µg	Staurosporine	27002	1 mg
			Temsirolimus	27024	10 mg
			Tofacitinib	27037	25 mg
			Tyrphostin AG 1478	27035	25 mg
			U0126	27012	25 mg
			Wortmannin	27031	10 mg
			Roscovitine	27040	10 mg



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