

Cytoplasmic Tyrosine Kinases

Kinase	Profiling	Kinase	Profiling	Kinase	Profiling	Kinase	Profiling
ABL	●	CSK	●	JAK1	●	SRM	●
ABL[E255K]	●	FAK	●	JAK2	●	SYK	●
ABL[T315I]	●	FER	●	JAK2 (JH1 JH2)	●	TEC	●
ACK	●	FES	●	JAK2 (JH1 JH2)[V617F]	●	TNK1	●
ARG	●	FGFR	●	JAK3	●	TXK	●
BLK	●	FRK	●	LCK	●	TYK2	●
BMX	●	FYN [isoform a]	●	LYNa	●	YES	●
BRK	●	FYN [isoform b]	●	LYNb	●	YES (YES1)[T348I]	●
BTK	●	HCK	●	PYK2	●	ZAP70	●
BTK [C481S]	●	ITK	●	SRC	●		

Pack sizes are 5, 100, 200, 500 and 1000ug Bulk production is available upon receipt of purchase order. Please see Serine/Threonine Kinases on reverse side.

Receptor Tyrosine Kinases

Kinase	Profiling	Kinase	Profiling	Kinase	Profiling	Kinase	Profiling
ALK	●	EPhA3	●	FGFR4[V550L]	●	MET[D1228H]	●
ALK[C1156Y]	●	EPhA4	●	FLT1	●	MET[M1250T]	●
ALK[F1174L]	●	EPhA5	●	FLT3	●	MET[Y1235D]	●
ALK[G1202R]	●	EPhA6	●	FLT4	●	MUSK	●
ALK[G1269A]	●	EPhA7	●	FMS	●	PDGFRa	●
ALK[L1196M]	●	EPhA8	●	HER2	●	PDGFRa[D842V]	●
ALK[R1275Q]	●	EPhB1	●	HER4	●	PDGFRa[T674I]	●
ALK[T1151_L1152insT]	●	EPhB2	●	IGF1R	●	PDGFRa[V561D]	●
EML4-ALK	●	EPhB3	●	INSR	●	PDGFRb	●
NPM1-ALK	●	EPhB4	●	IRR	●	RET	●
AXL	●	FGFR1	●	KDR	●	RET[G691S]	●
DDR1	●	FGFR1[V561M]	●	KIT	●	RET[M918T]	●
DDR2	●	FGFR2	●	KIT[D816E]	●	RET[S891A]	●
EGFR	●	FGFR2[N549H]	●	KIT[D816V]	●	RET[Y791F]	●
EGFR[d746-750]	●	FGFR3	●	KIT[D816Y]	●	RON	●
EGFR[d746-750/T790M]	●	FGFR3[G697C]	●	KIT[T670I]	●	ROS	●
EGFR[L858R]	●	FGFR3[K650E]	●	KIT[V560G]	●	TIE2	●
EGFR[L861Q]	●	FGFR3[K650M]	●	KIT[V560G/D816V]	●	TRKA	●
EGFR[T790M]	●	FGFR3[V555M]	●	KIT[V654A]	●	TRKB	●
EGFR[T790M/L858R]	●	FGFR4	●	LTK	●	TRKC	●
EPhA1	●	FGFR4[N535K]	●	MER	●	TYRO3	●
EPhA2	●	FGFR4[V550E]	●	MET	●		

Biotinylated Kinases

Kinase	Concentration	Kinase	Concentration	Kinase	Concentration	Kinase	Concentration
BTN - ABL (ABL1)	● 10, 100ug/vial	BTN - FGFR3	● 10, 100ug/vial	BTN - LCK	● 10, 100ug/vial	BTN - SPHK1	● 10, 100ug/vial
BTN - ACTR2B (ACVR2B)	● 10, 100ug/vial	BTN - FGFR4	● 10, 100ug/vial	BTN - LYNa	● 10, 100ug/vial	BTN - SPHK2	● 10, 100ug/vial
BTN - AKT1	● 10, 100ug/vial	BTN - FAK (PTK2)	● 10, 100ug/vial	BTN - MAP2K1 [inactive]	● 10, 100ug/vial	BTN - SRC	● 10, 100ug/vial
BTN - AKT2	● 10, 100ug/vial	BTN - FLT3	● 10, 100ug/vial	BTN - MAP3K5	● 10, 100ug/vial	BTN - SRPK1	● 10, 100ug/vial
BTN - ALK	● 10, 100ug/vial	BTN - FMS (CSF1R)	● 10, 100ug/vial	BTN - MET	● 10, 100ug/vial	BTN - SYK	● 10, 100ug/vial
BTN - ALK[L1196M]	● 10, 100ug/vial	BTN - FYN[isoform a]	● 10, 100ug/vial	BTN - MNK1(MKNK1)	● 10, 100ug/vial	BTN - TGFB1 (TGFB1)	● 10, 100ug/vial
BTN - AurA (AURKA)	● 10, 100ug/vial	BTN - IGF1R	● 10, 100ug/vial	BTN - NEK9	● 10, 100ug/vial	BTN - TIE2	● 10, 100ug/vial
BTN - AXL	● 10, 100ug/vial	BTN - IKKa (CHUK)	● 10, 100ug/vial	BTN - p38a (MAPK14)	● 10, 100ug/vial	BTN - TNIK	● 10, 100ug/vial
BTN - BMX	● 10, 100ug/vial	BTN - IKKb (CHUK)[inactive mutant]	● 10, 100ug/vial	BTN - PAK4	● 10, 100ug/vial	BTN - WNK1	● 10, 100ug/vial
BTN - BTK	● 10, 100ug/vial	BTN - IKKb	● 10, 100ug/vial	BTN - PIK3CA/PIK3R1	● 10, 100ug/vial	BTN - WNK4	● 10, 100ug/vial
BTN - CHK1 (CHEK1)	● 10, 100ug/vial	BTN - IRAK4	● 10, 100ug/vial	BTN - PKN1	● 10, 100ug/vial	BTN - TRKA (NTRK1)	● 10, 100ug/vial
BTN - DDR2	● 10, 100ug/vial	BTN - ITK	● 10, 100ug/vial	BTN - PLK1	● 10, 100ug/vial	BTN - TRKB (NTRK2)	● 10, 100ug/vial
BTN - DLK (MAP3K12)	● 10, 100ug/vial	BTN - JAK1	● 10, 100ug/vial	BTN - PYK2 (PTK2B)	● 10, 100ug/vial	BTN - TRKC (NTRK3)	● 10, 100ug/vial
BTN - EGFR	● 10, 100ug/vial	BTN - JAK2	● 10, 100ug/vial	BTN - p38a(MAPK14)[inactive]	● 10, 100ug/vial	BTN - TYK2	● 10, 100ug/vial
BTN - EGFR[T790M/L858R]	● 10, 100ug/vial	BTN - KDR (VEGFR2)	● 10, 100ug/vial	BTN - RET	● 10, 100ug/vial		
BTN - FGFR1	● 10, 100ug/vial	BTN - KIT	● 10, 100ug/vial	BTN - ROCK1	● 10, 100ug/vial		

Inactive Kinases

Kinase	Concentration
Erk2 (MAPK1)	● 50ug/vial
Erk5 (MAPK7)	● 50ug/vial
JNK1 (MAPK8)	● 50ug/vial
JNK2 (MAPK9)	● 50ug/vial
MAP2K1	● 50ug/vial
MAP2K6	● 50ug/vial
MAP2K7	● 50ug/vial
p38a (MAPK14)	● 50ug/vial

Inactive Mutant Kinases

Kinase	Concentration
Erk2 (MAPK1)	● 50ug/vial
Erk5 (MAPK7)	● 50ug/vial
JNK1 (MAPK8)	● 50ug/vial
MAP2K1	● 50ug/vial
MAP2K6	● 50ug/vial
MAP2K7	● 50ug/vial
p38a (MAPK14)	● 50ug/vial

Protein Substrates

Protein Substrate	Concentration
Cofilin2	● 50ug/vial
EIF2S1	● 50ug/vial
EIF4EBP1	● 50ug/vial
Smad1	● 50ug/vial
Smad3	● 50ug/vial

Lipid Kinases

Kinase	Profiling	Concentration
PIK3CA/PIK3R1	●	20ug/vial
PIK3CB/PIK3R1	●	20ug/vial
PIK3CD/PIK3R1	●	20ug/vial
SPHK1	●	5ug/vial
SPHK2	●	5ug/vial

Pack sizes are 5, 100, 200, 500 and 1000ug

Kinase

●	Available
●	Available as 5ug only
▲	Under development
□	Specification change

Profiling

●	Available at [ATP] Km app.
●	Available at both [ATP] Km app. and 1mM
▲	Under development

Your largest source of Kinase Enzymes

	Protein	Profiling (Km app.)	Profiling (1mM)
Cytoplasmic Tyrosine	32	35	35
Receptor Tyrosine	46	82	79
Serine/Threonine	262	199	62
Lipid	5	3	0
Total	345	319	176
Biotinylated	63		

Serine/Threonine Kinases

Kinase	Profiling	Kinase	Profiling	Kinase	Profiling	Kinase	Profiling
ACTR2A	● ▲	DAPK1	● ●	MAPKAPK5	● ●	PKCb1 (PRKCB1)	● ●
ACVR2B	● ▲	DAPK3	● ▲	MARK1	● ●	PKCb2 (PRKCB2)	● ●
AKT1	● ●	DCAMKL1	● ▲	MARK2	● ●	PKCg (PRKCG)	● ●
AKT2	● ●	DCAMKL2	● ●	MARK3	● ●	PKCd (PRKCD)	● ●
AKT3	● ●	DLK (MAP3K12)	● ●	MARK4	● ●	PKCe (PRKCE)	● ●
ALK2 (ACVR1)	● ▲	DMPK1 (DMPK)	● ▲	MELK	● ●	PKCz (PRKCZ)	● ●
ALK2 (ACVR1)[Q207D]	● ▲	DMPK2 (CDC42BPG)	● ▲	MGC42105	● ●	PKCh (PRKCH)	● ●
ALK2 (ACVR1)[R206H]	● ▲	DRAK1 (STK17A)	● ▲	MINK (MINK1)	● ●	PKCq (PRKCQ)	● ●
ALK4 (ACVR1B)	● ▲	DYRK1A	● ●	MLK1 (MAP3K9)	● ●	PKCi (PRKCI)	● ●
AMPKa1/b1/g1(PRKAA1/B1/G1)	● ●	DYRK1B	● ●	MLK2 (MAP3K10)	● ●	PKD1 (PRKD1)	● ●
AMPKa2/b1/g1(PRKAA2/B1/G1)	● ●	DYRK2	● ●	MLK3 (MAP3K11)	● ●	PKD2 (PRKD2)	● ●
AMPKa1/b2/g1(PRKAA1/B2/G1)	● ▲	DYRK3	● ●	MLK4	● ▲	PKD3 (PRKD3)	● ●
AMPKa2/b2/g1(PRKAA2/B2/G1)	● ▲	DYRK4	● ▲	MNK1 (MKNK1)	● ●	PKN1	● ●
AurA	● ●	EEF2K	● ●	MNK2 (MKNK2)	● ●	PKN2	● ▲
AurA (AURKA)/TPX2	▲ ●	Erk1 (MAPK3)	● ●	MOS	● ●	PKN3	● ▲
AurB (AURKB)/INCENP	● ●	Erk2 (MAPK1)	● ●	MRCKa (CDC42BPA)	● ●	PKR (EIF2AK2)	● ●
AurC (AURKC)	● ●	Erk5 (MAPK7)	● ●	MRCkb (CDC42BPB)	● ●	PLK1	● ●
BARK1 (ADRBK1)	● ▲	Erk7 (MAPK15)	● ●	MSK1 (RPS6KA5)	▲ ●	PLK2	● ●
BARK2 (ADRBK2)	● ▲	GCN2 (EIF2AK4)	● ▲	MSK2 (RPS6KA4)	● ●	PLK3	● ●
BMPR1A (ALK3)	● ●	GPRK4 (GRK4)	● ▲	MSSK1 (STK23)	● ●	PLK4	▲ ●
BMPR1B	● ▲	GPRK6 (GRK6)	● ●	MST1 (STK4)	● ●	PRKX	● ●
BMPR2	● ▲	GPRK7 (GRK7)	● ▲	MST2 (STK3)	● ●	QIK (SNF1LK2)	● ●
BRAF	● ●	GSK3a	● ●	MST3 (STK24)	● ●	RAF1	● ●
BRAF[V600E]	● ●	GSK3b	● ●	MST4	● ●	RIPK2	● ▲
BRAF[T599_V600insT]	● ▲	HasPin (GSG2)	● ●	MYT1 (PKMYT1)	● ▲	ROCK1	● ●
BRSK1	● ●	HGK (MAP4K4)	● ●	NDR1 (STK38)	● ●	ROCK2	● ●
BRSK2	● ●	HH498 (TNNT3K)	● ▲	NDR2 (STK38L)	● ●	RSK1 (RPS6KA1)	● ●
BUBR1 (BUB1B)	● ▲	HIPK1	● ●	NEK1	● ●	RSK2 (RPS6KA3)	● ●
CAMKK1	● ▲	HIPK2	● ●	NEK2	● ●	RSK3 (RPS6KA2)	● ●
CAMKK2	● ▲	HIPK3	● ●	NEK3	● ▲	RSK4 (RPS6KA6)	● ●
CaMK1a	● ●	HIPK4	● ●	NEK4	● ●	SGK	● ●
CaMK1b	● ▲	HPK1 (MAP4K1)	● ▲	NEK6	● ●	SGK2	● ●
CaMK1d	● ●	HRI (EIF2AK1)	● ▲	NEK7	● ●	SGK3	● ●
CaMK2a	● ●	ICK	● ●	NEK9	● ●	SIK (SNF1LK)	● ●
CaMK2b	● ●	IKKa	● ●	NEK11	● ▲	skMLCK (MYLK2)	● ●
CaMK2d	● ●	IKKb	● ●	NLK	● ▲	smMLCK (MYLK)	● ▲
CaMK2g	● ●	IKKe (IKBKE)	● ●	NuaK1	● ●	SLK	● ●
CaMK4	● ●	IRAK1	● ●	NuaK2	● ●	SRPK1	● ●
CDC2/CycB1	● ●	IRAK4	● ●	OSR1 (OXSR1)	● ▲	SRPK2	● ●
CDC7/ASK	● ●	JNK1 (MAPK8)	● ●	P38a (MAPK14)	● ●	SSTK (TSSK6)	● ▲
CDK2/CycA2	● ●	JNK2 (MAPK9)	● ●	P38b (MAPK11)	● ●	STK33	● ▲
CDK2/CycE1	● ●	JNK3 (MAPK10)	● ●	P38g (MAPK12)	● ●	STLK3 (STK39)	● ▲
CDK3/CycE1	● ●	LATS1	● ▲	P38d (MAPK13)	● ●	TAK1-TAB1 (MAP3K7)	● ●
CDK4/CycD3	● ●	LATS2	● ●	P70S6K	● ●	TAOK2	● ●
CDK5/p25	● ●	LIMK1	● ●	P70S6Kb	● ▲	TAOK3	● ▲
CDK6/CycD1	● ▲	LIMK2	● ▲	PAK1	● ●	TBK1	● ●
CDK6/CycD3	● ●	LKB1	● ●	PAK2	● ●	TESK1	● ▲
CDK7/CycH/MAT1	● ●	LOK	● ●	PAK3	● ●	TGFbR1 (TGFBR1)	● ▲
CDK8/CycC	● ▲	LRRK2	● ●	PAK4	● ●	TGFbR2 (TGFBR2)	● ▲
CDK9/CycK	● ▲	LRRK2[G2019S]	● ●	PAK5	● ●	TNIK	● ●
CDK9/CycT1	● ●	LZK (MAP3K13)	● ▲	PAK6	● ●	TSSK1	● ●
CDK11(CDC2L6)/CycC	● ▲	MAP2K1	● ●	PASK	● ●	TSSK2	● ●
CGK2 (PRKG2)	● ●	MAP2K1[F129L]	● ●	PBK	● ●	TSSK3	● ●
CHAK1 (TRPM7)	● ▲	MAP2K1[P124L]	● ▲	PCTAIRE1 (CDK16)/CycY	● ▲	TTBK1	● ▲
CHK1	● ●	MAP2K2	● ●	PDK1 (PDPK1)	● ▲	TTBK2	● ▲
CHK2	● ●	MAP2K3	● ●	PDHK1 (PDK1)	● ▲	TLK1	● ▲
CK1a (CSNK1A1)	● ●	MAP2K4	● ●	PDHK2 (PDK2)	● ●	TLK2	● ●
CK1d	● ●	MAP2K5	● ●	PDHK3 (PDK3)	● ▲	TTK	● ●
CK1e (CSNK1E)	● ●	MAP2K6	● ●	PDHK4 (PDK4)	● ●	ULK3	● ▲
CK191 (CSNK1G1)	● ●	MAP2K7	● ●	PEK (EIF2AK3)	● ●	VRK1	● ▲
CK192 (CSNK1G2)	● ●	MAP3K1	● ●	PGK (PRKG1)	● ●	VRK2	● ▲
CK193 (CSNK1G3)	● ●	MAP3K2	● ●	PHKG1	● ●	WEE1	● ●
CK2a1/b (CSNK2A1/B)	● ●	MAP3K3	● ●	PHKG2	● ●	WNK1	● ●
CK2a2/b (CSNK2A2/B)	● ●	MAP3K4	● ●	PIM1	● ●	WNK2	● ●
CLK1	● ●	MAP3K5	● ●	PIM2	● ●	WNK3	● ●
CLK2	● ●	MAP3K6	● ▲	PIM3	● ●	WNK4	● ▲
CLK3	● ●	MAP3K14	● ▲	PKACa	● ●	YSK1	● ▲
CLK4	● ▲	MAP4K2	● ●	PKACb	● ●	ZAK	● ▲
COT (MAP3K8)	● ●	MAPKAPK2	● ●	PKACg	● ●		
CRIK	● ●	MAPKAPK3	● ●	PKCa (PRKCA)	● ●		

It for research use only

Manufactured by:



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