

50 Kinase Panel

Nanosyn Name	Symbol	Approved Name
ABL1	ABL1	c-abl oncogene 1, non-receptor tyrosine kinase
AMP-A1B1G1	PRKAA1	protein kinase, AMP-activated, alpha 1 catalytic subunit
AURORA-A	AURKA	aurora kinase A
CAMK4	CAMK4	calcium/calmodulin-dependent protein kinase IV
CDK1-CYCLINB	CDK1	cyclin-dependent kinase 1 / cyclinB
CDK2-CYCLINA	CDK2	cyclin-dependent kinase 2 / cyclinA
CHEK1	CHEK1	CHK1 checkpoint human homolog (S. pombe)
CK1-EPSILON	CSNK1E	casein kinase 1, epsilon
CSK	CSK	c-src tyrosine kinase
DAPK1	DAPK1	death-associated protein kinase 1
DYRK1A	DYRK1A	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1A
EGFR	EGFR	epidermal growth factor receptor
EPH-A2	EPHA2	EPH receptor A2
FAK	PTK2	PTK2 protein tyrosine kinase 2
FGFR1	FGFR1	fibroblast growth factor receptor 1
FLT3	FLT3	fms-related tyrosine kinase 3
GSK3-BETA	GSK3B	glycogen synthase kinase 3 beta
IGF1R	IGF1R	insulin-like growth factor 1 receptor
IKK-BETA	IKKBK	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta
IRAK4	IRAK4	interleukin-1 receptor-associated kinase 4
ITK	ITK	IL2-inducible T-cell kinase
JAK1	JAK1	Janus kinase 1
JAK2	JAK2	Janus kinase 2
JNK2	MAPK9	mitogen-activated protein kinase 9
KDR	KDR	kinase insert domain receptor (a type III receptor tyrosine kinase)
LCK	LCK	lymphocyte-specific protein tyrosine kinase
MAP4K4	MAP4K4	mitogen-activated protein kinase kinase kinase kinase 4
MAPK1	MAPK1	mitogen-activated protein kinase 1
MAPKAPK2	MAPKAPK2	mitogen-activated protein kinase-activated protein kinase 2
MEK1	MAP2K1	mitogen-activated protein kinase kinase 1
MEK2	MAP2K2	mitogen-activated protein kinase kinase 2
MET	MET	met proto-oncogene (hepatocyte growth factor receptor)
MST1	STK4	serine/threonine kinase 4
MST2	STK3	serine/threonine kinase 3
NEK2	NEK2	NIMA (never in mitosis gene a)-related kinase 2
P38-ALPHA	MAPK14	mitogen-activated protein kinase 14
PAK2	PAK2	p21 protein (Cdc42/Rac)-activated kinase 2
PDGFR-ALPHA	PDGFRA	platelet-derived growth factor receptor, alpha polypeptide
PDK1	PDK1	pyruvate dehydrogenase kinase, isozyme 1
PI3K-ALPHA	PIK3CA	phosphoinositide-3-kinase, catalytic, alpha polypeptide
PIM1	PIM1	pim-1 oncogene
PKC-ALPHA	PRKCA	protein kinase C, alpha
PKA	PRKACA	protein kinase, cAMP-dependent, catalytic, alpha
PRKD2	PRKD2	protein kinase D2
PYK2	PTK2B	PTK2B protein tyrosine kinase 2 beta
ROCK1	ROCK1	Rho-associated, coiled-coil containing protein kinase 1
SGK1	SGK1	serum/glucocorticoid regulated kinase 1
SRC	SRC	v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog
SYK	SYK	spleen tyrosine kinase
TYK2	TYK2	tyrosine kinase 2