



Human Kinase Library I

Catalog No: HKIN-1
Supplier: RealTimePrimers
Lot No: XXXXX
Supplied as: solid
Stability: store at -20°C

Description

Contains 96 primer sets directed against human kinase genes. Provided in a 96-well microplate (20 ul - 10 uM). Perform up to 100 PCR arrays (based on 20 ul assay volume per reaction). Just add cDNA template and SYBR green master mix.

Gene List:

- ABL1 c-abl oncogene 1, non-receptor tyrosine kinase
- ACVR1 activin A receptor, type I
- ACVR1B activin A receptor, type IB
- ACVR1C activin A receptor, type IC
- ACVR2A activin A receptor, type IIA
- ACVR2B activin A receptor, type IIB
- ACVRL1 activin A receptor type II-like 1
- ADRBK1 adrenergic, beta, receptor kinase 1
- ADRBK2 adrenergic, beta, receptor kinase 2
- AKAP13 A kinase (PRKA) anchor protein 13
- AKAP8 A kinase (PRKA) anchor protein 8
- AKT1 v-akt murine thymoma viral oncogene homolog 1
- AKT2 v-akt murine thymoma viral oncogene homolog 2
- AKT3 v-akt murine thymoma viral oncogene homolog 3
- ALDH18A1 aldehyde dehydrogenase 18 family, member A1
- ALK anaplastic lymphoma receptor tyrosine kinase
- AMHR2 anti-Mullerian hormone receptor, type II
- ARAF v-raf murine sarcoma 3611 viral oncogene homolog
- ATM ataxia telangiectasia mutated
- ATR ataxia telangiectasia and Rad3 related
- AURKA aurora kinase A
- AXL AXL receptor tyrosine kinase
- BLK B lymphoid tyrosine kinase
- BMPR1A bone morphogenetic protein receptor, type IA
- BMPR1B bone morphogenetic protein receptor, type IB
- BMPR2 bone morphogenetic protein receptor, type II (serine/threonine kinase)
- BMX BMX non-receptor tyrosine kinase
- BRAF v-raf murine sarcoma viral oncogene homolog B1
- BRD2 bromodomain containing 2
- BRD3 bromodomain containing 3
- BRD4 bromodomain containing 4
- BRDT bromodomain, testis-specific
- BTK Bruton agammaglobulinemia tyrosine kinase
- BUB1 budding uninhibited by benzimidazoles 1 homolog (yeast)
- CALM1 calmodulin 1 (phosphorylase kinase, delta)
- CAMK1D calcium/calmodulin-dependent protein kinase ID
- CAMK1G calcium/calmodulin-dependent protein kinase IG
- CAMK2N1 calcium/calmodulin-dependent protein kinase II inhibitor 1
- CAMK4 calcium/calmodulin-dependent protein kinase IV
- CAMKK1 calcium/calmodulin-dependent protein kinase kinase 1, alpha
- CCL2 chemokine (C-C motif) ligand 2
- CCNH cyclin H
- CDK1 cyclin-dependent kinase 1
- CDK12 cyclin-dependent kinase 12
- CDK16 cyclin-dependent kinase 16
- CDK2 cyclin-dependent kinase 2
- CDK3 cyclin-dependent kinase 3
- CDK4 cyclin-dependent kinase 4
- CDK5 cyclin-dependent kinase 5
- CDK5R1 cyclin-dependent kinase 5, regulatory subunit 1 (p35)
- CDK5R2 cyclin-dependent kinase 5, regulatory subunit 2 (p39)
- CDK6 cyclin-dependent kinase 6
- CDK7 cyclin-dependent kinase 7
- CDK8 cyclin-dependent kinase 8
- CDKN1C cyclin-dependent kinase inhibitor 1C (p57, Kip2)
- CDKN2A cyclin-dependent kinase inhibitor 2A
- CDKN2B cyclin-dependent kinase inhibitor 2B (p15, inhibits CDK4)



- CDKN2C cyclin-dependent kinase inhibitor 2C (p18, inhibits CDK4)
- CDKN2D cyclin-dependent kinase inhibitor 2D (p19, inhibits CDK4)
- CDKN3 cyclin-dependent kinase inhibitor 3
- CERK ceramide kinase
- CHEK1 checkpoint kinase 1
- CHUK conserved helix-loop-helix ubiquitous kinase
- CKM creatine kinase, muscle
- CKMT2 creatine kinase, mitochondrial 2 (sarcomeric)
- CKS1B CDC28 protein kinase regulatory subunit 1B
- CKS2 CDC28 protein kinase regulatory subunit 2
- COL4A3BP collagen, type IV, alpha 3 (Goodpasture antigen) binding protein
- CSF1R colony stimulating factor 1 receptor
- CSK c-src tyrosine kinase
- CSNK1A1 casein kinase 1, alpha 1
- CSNK1D casein kinase 1, delta
- CSNK1E casein kinase 1, epsilon
- CSNK2A2 casein kinase 2, alpha prime polypeptide
- CSNK2B casein kinase 2, beta polypeptide
- DAPK1 death-associated protein kinase 1
- DAPK2 death-associated protein kinase 2
- DCAKD dephospho-CoA kinase domain containing
- DCLK1 doublecortin-like kinase 1
- DDR1 discoidin domain receptor tyrosine kinase 1
- DDR2 discoidin domain receptor tyrosine kinase 2
- DGKA diacylglycerol kinase, alpha 80kDa
- DGKB diacylglycerol kinase, beta 90kDa
- DGKD diacylglycerol kinase, delta 130kDa
- DGKE diacylglycerol kinase, epsilon 64kDa
- DGKG diacylglycerol kinase, gamma 90kDa
- DGKH diacylglycerol kinase, eta
- DGKI diacylglycerol kinase, iota
- DGKK diacylglycerol kinase, kappa
- DGKQ diacylglycerol kinase, theta 110kDa
- DGKZ diacylglycerol kinase, zeta
- DLG1 discs, large homolog 1
- DLG2 discs, large homolog 2
- DOK4 docking protein 4
- DTYMK deoxythymidylate kinase (thymidylate kinase)
- EFNA1 ephrin-A1

Usage

This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.