



## Human Kinase Library IV

**Catalog No:** HKIN-4  
**Supplier:** RealTimePrimers  
**Lot No:** XXXXX  
**Supplied as:** solid  
**Stability:** store at -20°C

### Description

Contains 88 primer sets directed against human kinase genes plus 8 housekeeping 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:

- PRKCE protein kinase C, epsilon
- PRKCH protein kinase C, eta
- PRKCI protein kinase C, iota
- PRKCQ protein kinase C, theta
- PRKCZ protein kinase C, zeta
- PRKD1 protein kinase D1
- PRKD3 protein kinase D3
- PRKDC protein kinase, DNA-activated, catalytic polypeptide
- PRKG1 protein kinase, cGMP-dependent, type I
- PRPF4B PRP4 pre-mRNA processing factor 4 homolog B (yeast)
- PRPS1 phosphoribosyl pyrophosphate synthetase 1
- PRPS2 phosphoribosyl pyrophosphate synthetase 2
- PSKH2 protein serine kinase H2
- PTK2 PTK2 protein tyrosine kinase 2
- PTK2B protein tyrosine kinase 2 beta
- PSTK phosphoseryl-tRNA kinase
- PTK6 PTK6 protein tyrosine kinase 6
- RAF1 v-raf-1 murine leukemia viral oncogene homolog 1
- RB1CC1 RB1-inducible coiled-coil 1
- RBKS ribokinase
- RET ret proto-oncogene
- RFK riboflavin kinase
- RIPK1 receptor (TNFRSF)-interacting serine-threonine kinase 1
- RIPK2 receptor-interacting serine-threonine kinase 2
- RIPK3 receptor-interacting serine-threonine kinase 3
- ROCK1 Rho-associated, coiled-coil containing protein kinase 1
- ROCK2 Rho-associated, coiled-coil containing protein kinase 2
- ROR2 receptor tyrosine kinase-like orphan receptor 2
- ROS1 c-ros oncogene 1, receptor tyrosine kinase
- RPS6KA1 ribosomal protein S6 kinase, 90kDa, polypeptide 1
- RPS6KA2 ribosomal protein S6 kinase, 90kDa, polypeptide 2
- RPS6KA3 ribosomal protein S6 kinase, 90kDa, polypeptide 3
- RPS6KA4 ribosomal protein S6 kinase, 90kDa, polypeptide 4
- RPS6KA5 ribosomal protein S6 kinase, 90kDa, polypeptide 5
- RPS6KB1 ribosomal protein S6 kinase, 70kDa, polypeptide 1
- RYK receptor-like tyrosine kinase
- SGK1 serum/glucocorticoid regulated kinase 1
- SGK3 serum/glucocorticoid regulated kinase family, member 3
- SIK1 salt-inducible kinase 1
- SIK2 salt-inducible kinase 2
- SIK3 SIK family kinase 3
- SKAP1 src kinase associated phosphoprotein 1
- SKP1 S-phase kinase-associated protein 1
- SKP2 S-phase kinase-associated protein 2, E3 ubiquitin protein ligase
- SMG1 smg-1 homolog, phosphatidylinositol 3-kinase-related kinase
- SPAG9 sperm associated antigen 9
- SPHK1 sphingosine kinase 1
- SPHK2 sphingosine kinase 2
- SRC v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog
- SRPK1 SRSF protein kinase 1
- STK10 serine/threonine kinase 10
- STK11 serine/threonine kinase 11
- STK16 serine/threonine kinase 16
- STK17B serine/threonine kinase 17b
- STK24 serine/threonine kinase 24
- STK25 serine/threonine kinase 25



- STK3 serine/threonine kinase 36
- STK36 serine/threonine kinase 36
- STK39 serine threonine kinase 39
- SYK spleen tyrosine kinase
- TAOK1 TAO kinase 1
- TBK1 TANK-binding kinase 1
- TEK TEK tyrosine kinase, endothelial
- TESK2 testis-specific kinase 2
- TGFBR1 transforming growth factor, beta receptor 1
- TGFBR2 transforming growth factor, beta receptor II (70/80kDa)
- TIE1 tyrosine kinase with immunoglobulin-like and EGF- like domains 1
- TLK2 tousled-like kinase 2
- TNK2 tyrosine kinase, non-receptor, 2
- TRIM24 tripartite motif containing 24
- TRIO triple functional domain (PTPRF interacting)
- TTBK1 tau tubulin kinase 1
- TTBK2 tau tubulin kinase 2
- TYK2 tyrosine kinase 2
- TYRO3 TYRO3 protein tyrosine kinase
- ULK1 Unc-51 like kinase 1
- UCK2 uridine-cytidine kinase 2
- ULK2 unc-51-like kinase 2
- ULK3 unc-51-like kinase 3
- ULK4 unc-51-like kinase 4
- VRK3 vaccinia related kinase 3
- WEE1 WEE1 homolog
- WNK2 WNK lysine deficient protein kinase 2
- XRCC6BP1 XRCC6 binding protein 1
- YES1 v-yes-1 Yamaguchi sarcoma viral oncogene homolog 1
- YWHAE tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, epsilon polypeptide
- ZAK sterile alpha motif and leucine zipper containing kinase AZK
- ZMYND8 zinc finger, MYND-type containing
- ACTB Actin, beta
- B2M Beta-2-microglobulin
- GAPD Glyceraldehyde-3-phosphate dehydrogenase
- GUSB Glucuronidase, beta
- HPRT1 Hypoxanthine phosphoribosyltransferase 1
- PGK Phosphoglycerate kinase 1
- PPIA Peptidylprolyl isomerase A
- RPL13A Ribosomal protein L13a

#### Usage

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