



Human T-Cell Receptor Signaling Primer Library

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

Description

Contains 88 primer sets directed against T-Cell receptor signaling genes and 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:

- AKT1 v-akt murine thymoma viral oncogene homolog 1
- ATF2 activating transcription factor 2
- BCL10 B-cell CLL/lymphoma 10
- CARD11 caspase recruitment domain family, member 11
- CBL Cbl proto-oncogene, E3 ubiquitin protein ligase
- CBLB Cbl proto-oncogene B, E3 ubiquitin protein ligase
- CCR5 chemokine (C-C motif) receptor 5 (gene/pseudogene)
- CD247 CD247 molecule
- CD28 CD28 molecule
- CD3D CD3d molecule, delta (CD3-TCR complex)
- CD3E CD3e molecule, epsilon (CD3-TCR complex)
- CD3G CD3g molecule, gamma (CD3-TCR complex)
- CD4 CD4 molecule
- CD83 CD83 molecule
- CD8A CD8a molecule
- CDC42 cell division cycle 42
- CHUK conserved helix-loop-helix ubiquitous kinase
- CREB1 cAMP responsive element binding protein 1
- CRKL v-crK avian sarcoma virus CT10 oncogene homolog- like
- DBNL debrin-like
- FAS Fas cell surface death receptor
- FOS FBJ murine osteosarcoma viral oncogene homolog
- FYB FYN binding protein
- FYN FYN proto-oncogene, Src family tyrosine kinase
- GAB2 GRB2-associated binding protein 2
- GATA3 GATA binding protein 3
- GRAP2 GRB2-related adaptor protein 2
- GRB2 growth factor receptor-bound protein 2
- HRAS Harvey rat sarcoma viral oncogene homolog
- ICOS inducible T-cell co-stimulator
- IKBKB inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta
- IKBKG inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma
- IL15RA interleukin 15 receptor, alpha
- IL17A interleukin 17A
- IL1A interleukin 1, alpha
- IL1B interleukin 1, beta
- IL6 interleukin 6
- IL9 interleukin 9
- IRF4 interferon regulatory factor 4
- ITK IL2-inducible T-cell kinase
- ITPR1 inositol 1,4,5-trisphosphate receptor, type 1
- JUN jun proto-oncogene
- LAT linker for activation of T cells
- LCK LCK proto-oncogene, Src family tyrosine kinase
- LCP2 lymphocyte cytosolic protein 2 (SH2 domain containing leukocyte protein of 76kDa)
- MALT1 MALT1 paracaspase
- MAP2K1 mitogen-activated protein kinase kinase 1
- MAP2K2 mitogen-activated protein kinase kinase 2
- MAP3K14 mitogen-activated protein kinase kinase kinase 14
- MAP3K7 mitogen-activated protein kinase kinase kinase 7
- MAP3K8 mitogen-activated protein kinase kinase kinase 8
- MAP4K1 mitogen-activated protein kinase kinase kinase kinase 1
- MAPK14 mitogen-activated protein kinase 14
- MAPK3 mitogen-activated protein kinase 3



- MAPK8 mitogen-activated protein kinase 8
- MAPK9 mitogen-activated protein kinase 9
- NCK1 NCK adaptor protein 1
- NFATC1 nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 1
- NFATC2 nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 2
- NFKB1 nuclear factor of kappa light polypeptide gene enhancer in B-cells 1
- NFKBIA nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha
- OPRM1 opioid receptor, mu 1
- PAK1 p21 protein (Cdc42/Rac)-activated kinase 1
- PDPK1 3-phosphoinositide dependent protein kinase 1
- PIK3R1 phosphoinositide-3-kinase, regulatory subunit 1 (alpha)
- PIK3R2 phosphoinositide-3-kinase, regulatory subunit 2 (beta)
- PLCG1 phospholipase C, gamma 1
- PRKCD protein kinase C, delta
- PRKCQ protein kinase C, theta
- PSTPIP1 proline-serine-threonine phosphatase interacting protein 1
- PTK2B protein tyrosine kinase 2 beta
- PTPN11 protein tyrosine phosphatase, non-receptor type 11
- RAF1 Raf-1 proto-oncogene, serine/threonine kinase
- REL v-rel avian reticuloendotheliosis viral oncogene homolog
- RELB v-rel avian reticuloendotheliosis viral oncogene homolog A
- RIPK2 receptor-interacting serine-threonine kinase 2
- SH2B3 SH2B adaptor protein 3
- SHC1 SHC (Src homology 2 domain containing) transforming protein 1
- SKAP1 src kinase associated phosphoprotein 1
- SOS1 son of sevenless homolog 1 (Drosophila)
- TGFBI transforming growth factor, beta 1
- TNFRSF9 tumor necrosis factor receptor superfamily, member 9
- TRAF6 TNF receptor-associated factor 6, E3 ubiquitin protein ligase
- VAV1 vav 1 guanine nucleotide exchange factor
- VAV3 vav 3 guanine nucleotide exchange factor
- VIM vimentin
- WAS Wiskott-Aldrich syndrome
- ZAP70 zeta-chain (TCR) associated protein kinase 70kDa
- ACTB Actin, beta
- B2M Beta-2-microglobulin
- GAPDH Glyceraldehyde-3-phosphate dehydrogenase
- GUSB Glucuronidase, beta
- HPRT1 Hypoxanthine phosphoribosyltransferase 1
- PGK1 Phosphoglycerate kinase 1
- PPIA Peptidylprolyl isomerase A
- RPL13A Ribosomal protein L13a

Usage

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