



Human Cell Adhesion Primer Library

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

Description

Contains 88 primer sets directed against cell adhesion genes and 8 housekeeping gene primer sets. 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
- ACTN1 actinin, alpha 1
- ADAM12 ADAM metallopeptidase domain 12
- AKT1 v-akt murine thymoma viral oncogene homolog 1
- ARF1 ADP-ribosylation factor 1
- ARHGAP5 Rho GTPase activating protein 5
- ARPC2 actin related protein 2/3 complex, subunit 2, 34kDa
- BCAR1 breast cancer anti-estrogen resistance 1
- CALR calreticulin
- CAPN1 calpain 1, (mu/l) large subunit
- CAV1 caveolin 1, caveolae protein, 22kDa
- CBL Cbl proto-oncogene, E3 ubiquitin protein ligase
- CD47 CD47 molecule
- CDC42 cell division cycle 42
- CEACAM1 carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein)
- CFL1 cofilin 1 (non-muscle)
- CRK v-crk sarcoma virus CT10 oncogene homolog (avian)
- CSK c-src tyrosine kinase
- DDEF1 development and differentiation enhancing factor 1
- DNM2 dynamin 2
- DOCK1 dedicator of cytokinesis 1
- ENAH enabled homolog (Drosophila)
- ENG endoglin
- FLNA filamin A, alpha
- FYN FYN oncogene related to SRC, FGR, YES
- GAB1 GRB2-associated binding protein 1
- GNB2L1 guanine nucleotide binding protein (G protein), beta polypeptide 2-like 1
- GRB2 growth factor receptor-bound protein 2
- GRB7 growth factor receptor-bound protein 7
- HRAS v-Ha-ras Harvey rat sarcoma viral oncogene homolog
- HSPA2 heat shock 70kDa protein 2
- HSPB1 heat shock 27kDa protein 1
- ILK integrin-linked kinase
- INPPL1 inositol polyphosphate phosphatase-like 1
- INSR insulin receptor
- IRS1 insulin receptor substrate 1
- ITGA5 integrin, alpha 5 (fibronectin receptor, alpha polypeptide)
- ITGB1 integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12)
- KCNH2 potassium voltage-gated channel, subfamily H (eag- related), member 2
- KEAP1 kelch-like ECH-associated protein 1
- LRP1 low density lipoprotein receptor-related protein 1
- LYN v-yes-1 Yamaguchi sarcoma viral related oncogene homolog
- MAPK1 mitogen-activated protein kinase 1
- MAPK8 mitogen-activated protein kinase 8
- MAPK8IP3 mitogen-activated protein kinase 8 interacting protein 3
- MARCKS myristoylated alanine-rich protein kinase C substrate
- NCK2 NCK adaptor protein 2
- NEDD9 neural precursor cell expressed, developmentally down-regulated 9
- NF2 neurofibromin 2 (merlin)
- PAK1 p21 protein (Cdc42/Rac)-activated kinase 1
- PDPK1 3-phosphoinositide dependent protein kinase-1
- PIK3CA phosphoinositide-3-kinase, catalytic, alpha polypeptide
- PIP5K1C phosphatidylinositol-4-phosphate 5-kinase, type I, gamma
- PLAUR plasminogen activator, urokinase receptor



- FERMT2 fermitin family member 2
- PPP2CA protein phosphatase 2, catalytic subunit, alpha isozyme
- PRKACA protein kinase, cAMP-dependent, catalytic, alpha
- PRKCA protein kinase C, alpha
- PTEN phosphatase and tensin homolog
- PTK2 PTK2 protein tyrosine kinase 2
- PTPN1 protein tyrosine phosphatase, non-receptor type 1
- PTPN11 protein tyrosine phosphatase, non-receptor type 11
- PTPRF protein tyrosine phosphatase, receptor type, F
- PTPRO protein tyrosine phosphatase, receptor type, O
- PXN paxillin
- RAC1 ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)
- RHOA ras homolog family member A
- ROCK1 Rho-associated, coiled-coil containing protein kinase 1
- SDC4 syndecan 4
- SDCBP syndecan binding protein (syntenin)
- SHC1 SHC (Src homology 2 domain containing) transforming protein 1
- SLC9A1 solute carrier family 9, subfamily A (NHE1, cation proton antiporter 1), member 1
- SORBS1 sorbin and SH3 domain containing 1
- SOS1 son of sevenless homolog 1 (Drosophila)
- SRC v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian)
- STAT3 signal transducer and activator of transcription 3 (acute-phase response factor)
- SYK spleen tyrosine kinase
- TGFBI1 transforming growth factor beta 1 induced transcript 1
- THY1 Thy-1 cell surface antigen
- TIAM1 T-cell lymphoma invasion and metastasis 1
- TLN1 talin 1
- TRIO triple functional domain (PTPRF interacting)
- VASP vasodilator-stimulated phosphoprotein
- VAV1 vav 1 guanine nucleotide exchange factor
- VCL vinculin
- VIL2 Villin 2
- VIM vimentin
- ZYX zyxin
- 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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