



Human Cytoskeleton Primer Library

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

Description

Contains 88 primer sets directed against cytoskeletal 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:

- ACTN1 actinin, alpha 1
- APC adenomatous polyposis coli
- ARFIP2 ADP-ribosylation factor interacting protein 2
- ARHGDI1 Rho GDP dissociation inhibitor (GDI) beta
- ARHGEF1 Rho guanine nucleotide exchange factor (GEF) 1
- ARPC2 actin related protein 2/3 complex, subunit 2, 34kDa
- AURKA aurora kinase A
- AURKB aurora kinase B
- BCAR1 breast cancer anti-estrogen resistance 1
- BRAF v-raf murine sarcoma viral oncogene homolog B1
- CALD1 caldesmon 1
- CALM1 calmodulin 1 (phosphorylase kinase, delta)
- CALM2 calmodulin 2 (phosphorylase kinase, delta)
- CCNA1 cyclin A1
- CCNB2 cyclin B2
- CD14 CD14 molecule
- CDC42 cell division cycle 42 (GTP binding protein, 25kDa)
- CDC42BPA In multiple Geneids
- CDK5 cyclin-dependent kinase 5
- CDK5R1 cyclin-dependent kinase 5, regulatory subunit 1 (p35)
- CFL1 cofilin 1 (non-muscle)
- CFL2 cofilin 2 (muscle)
- CRK v-crk sarcoma virus CT10 oncogene homolog (avian)
- CSK c-src tyrosine kinase
- CTTN cortactin
- CYFIP2 cytoplasmic FMR1 interacting protein 2
- DIAPH1 diaphanous homolog 1
- DIAPH2 diaphanous homolog 2
- DIAPH3 diaphanous homolog 3
- DOCK1 dedicator of cytokinesis 1
- ENAH enabled homolog
- EZR ezrin (Villin 2)
- F2 coagulation factor II (thrombin)
- F2R coagulation factor II (thrombin) receptor
- FN1 fibronectin 1
- FNBP1L formin binding protein 1-like
- GIT1 G protein-coupled receptor kinase interacting ArfGAP 1
- GNA12 guanine nucleotide binding protein (G protein) alpha 12
- GSN gelsolin
- IQGAP1 IQ motif containing GTPase activating protein 1
- ITGA1 integrin, alpha 1
- LIMK1 LIM domain kinase 1
- LIMK2 LIM domain kinase 2
- LLGL1 lethal giant larvae homolog 1
- MACF1 microtubule-actin crosslinking factor 1
- MAP2K1 mitogen-activated protein kinase kinase 1
- MAP2K2 mitogen-activated protein kinase kinase 2
- MAPK1 mitogen-activated protein kinase 1
- MAPK13 mitogen-activated protein kinase 13
- MAPK3 mitogen-activated protein kinase 3
- MAPK4 mitogen-activated protein kinase 4
- MAPK6 mitogen-activated protein kinase 6
- MAPRE1 microtubule-associated protein, RP/EB family, member 1
- MAPRE2 microtubule-associated protein, RP/EB family, member 2
- MAPT microtubule-associated protein tau
- MID1 midline 1 (Opitz/BBB syndrome)
- MOS v-mos Moloney murine sarcoma viral oncogene homolog
- MSN moesin
- NCK1 NCK adaptor protein 1
- NCK2 NCK adaptor protein 2



- PAK1 p21 protein (Cdc42/Rac)-activated kinase 1
- PAK2 p21 protein (Cdc42/Rac)-activated kinase 2
- PAK3 p21 protein (Cdc42/Rac)-activated kinase 3
- PAK6 p21 protein (Cdc42/Rac)-activated kinase 6
- PAK7 p21 protein (Cdc42/Rac)-activated kinase 7
- PIP5K1C phosphatidylinositol-4-phosphate 5-kinase, type I, gamma
- PPP3CA protein phosphatase 3, catalytic subunit, alpha isozyme
- PTK2 PTK2 protein tyrosine kinase 2
- PXN paxillin
- RAC1 ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)
- RAC2 ras-related C3 botulinum toxin substrate 2 (rho family, small GTP binding protein Rac2)
- RAC3 ras-related C3 botulinum toxin substrate 3 (rho family, small GTP binding protein Rac3)
- RAF1 v-raf-1 murine leukemia viral oncogene homolog 1
- RHOA ras homolog family member A
- RHOB ras homolog family member B
- ROCK1 Rho-associated, coiled-coil containing protein kinase 1
- ROCK2 Rho-associated, coiled-coil containing protein kinase 2
- SLC9A1 solute carrier family 9, subfamily A (NHE1, cation proton antiporter 1), member 1
- SOS1 son of sevenless homolog 1
- SOS2 son of sevenless homolog 2
- STMN1 stathmin 1
- TIAM1 T-cell lymphoma invasion and metastasis 1
- TMSB4X thymosin beta 4, X-linked
- VASP vasodilator-stimulated phosphoprotein
- VAV1 vav 1 guanine nucleotide exchange factor
- VCL vinculin
- VIL1 villin 1
- WASF1 WAS protein family, member 1
- 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 (cyclophilin A)
- RPL13A ribosomal protein L13a

Usage

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