



Human PDGF Signaling Primer Library

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

Description

Contains 88 primer sets directed against PDGF 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:

- ADRB2 Adrenoceptor beta 2, surface
- 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
- ARAF V-raf murine sarcoma 3611 viral oncogene homolog
- ATF3 Activating transcription factor 3
- BAD BCL2-associated agonist of cell death BRAF V-raf murine sarcoma viral oncogene homolog B1
- CASP9 Caspase 9
- CBL Cbl proto-oncogene, E3 ubiquitin protein ligase
- CEBPB CCAAT/enhancer binding protein (C/EBP), beta
- CHUK Conserved helix-loop-helix ubiquitous kinase
- CSNK2B Casein kinase 2, beta polypeptide
- DUSP1 Dual specificity phosphatase 1
- DUSP6 Dual specificity phosphatase 6
- EGF Epidermal growth factor
- EGFR Epidermal growth factor receptor
- EGR1 Early growth response 1
- EGR2 Early growth response 2
- EGR3 Early growth response 3
- ELK1 ELK1, member of ETS oncogene family
- EPS8 Epidermal growth factor receptor pathway substrate 8
- F3 Coagulation factor III (thromboplastin, tissue factor)
- FASLG Fas ligand (TNF superfamily, member 6)
- FOS FBJ osteosarcoma oncogene
- FOSB FBJ murine osteosarcoma viral oncogene homolog B
- FOXO3 Forkhead box O3
- GAB1 GRB2-associated binding protein 1
- GEM GTP binding protein overexpressed in skeletal muscle
- GRB2 Growth factor receptor-bound protein 2
- GSK3A Glycogen synthase kinase 3 alpha
- GSK3B Glycogen synthase kinase 3 beta
- HRAS V-Ha-ras Harvey rat sarcoma viral oncogene homolog
- IER3 Immediate early response 3
- IKBKB Inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta
- JAK1 Janus kinase 1
- JUN Jun oncogene
- LIF Leukemia inhibitory factor
- MAP2K1 Mitogen-activated protein kinase kinase 1
- MAP2K4 Mitogen-activated protein kinase kinase 4
- MAP2K7 Mitogen-activated protein kinase kinase 7
- MAP3K2 Mitogen-activated protein kinase kinase kinase 2
- MAPK1 Mitogen-activated protein kinase 1
- MAPK10 Mitogen-activated protein kinase 10
- MAPK3 Mitogen-activated protein kinase 3
- MAPK9 Mitogen-activated protein kinase 9
- MCL1 Myeloid cell leukemia sequence 1
- MYC V-myc myelocytomatosis viral oncogene homolog (avian)
- NCK2 NCK adaptor protein 2
- NR4A1 Nuclear receptor subfamily 4, group A, member 1
- NR4A2 Nuclear receptor subfamily 4, group A, member 2
- NRAS Neuroblastoma ras oncogene
- NUP62 Nucleoporin 62kDa
- PDGFA Platelet-derived growth factor alpha polypeptide
- PDGFB Platelet-derived growth factor beta polypeptide



- PDGFC Platelet derived growth factor C
- PDGFD Platelet derived growth factor D
- PDGFRA Platelet-derived growth factor receptor, alpha polypeptide
- PDGFRB Platelet-derived growth factor receptor, beta polypeptide
- PDPK1 3-phosphoinositide dependent protein kinase-1
- PIK3CA Phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit alpha
- PIK3R1 Phosphoinositide-3-kinase, regulatory subunit 1 (alpha)
- PIK3R2 Phosphoinositide-3-kinase, regulatory subunit 2 (beta)
- PLCG1 Phospholipase C, gamma 1
- PPP2CA Protein phosphatase 2, catalytic subunit, alpha isozyme
- PRKCA Protein kinase C, alpha
- PTEN Phosphatase and tensin homolog
- PTGS2 Prostaglandin-endoperoxide synthase 2
- RAF1 V-raf-1 murine leukemia viral oncogene homolog 1
- RAP1A RAP1A, member of RAS oncogene family
- RASA1 RAS p21 protein activator (GTPase activating protein) 1
- REL V-rel reticuloendotheliosis viral oncogene homolog (avian)
- RELA V-rel reticuloendotheliosis viral oncogene homolog A (avian)
- RGS2 Regulator of G-protein signaling 2, 24kDa
- RHOA Ras homolog family member A
- RPS6KA5 Ribosomal protein S6 kinase, 90kDa, polypeptide 5
- RPS6KB1 Ribosomal protein S6 kinase, 70kDa, polypeptide 1
- SFN Stratifin
- SHC1 SHC (Src homology 2 domain containing) transforming protein 1
- SOS1 Son of sevenless homolog 1 (Drosophila)
- SRC V-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian)
- STAT1 Signal transducer and activator of transcription 1
- STAT2 Signal transducer and activator of transcription 2
- STAT3 Signal transducer and activator of transcription 3
- STAT4 Signal transducer and activator of transcription 4
- STAT5B Signal transducer and activator of transcription 5B
- STAT6 Signal transducer and activator of transcription 6
- VAV1 Vav 1 guanine nucleotide exchange factor
- 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

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.