



Human GDNF Signaling Primer Library

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

Description

Contains 88 primer sets directed against GDNF signaling 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:

- ABCG2 ATP-binding cassette, sub-family G (WHITE), member 2 (Junior blood group)
- 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
- ARTN artemin
- BAD BCL2-associated agonist of cell death
- BAX BCL2-associated X protein
- BCL2 B-cell CLL/lymphoma 2
- CDC25A cell division cycle 25A
- CDK2 cyclin-dependent kinase 2
- CDKN1A cyclin-dependent kinase inhibitor 1A (p21, Cip1)
- CREB1 cAMP responsive element binding protein 1
- DAG1 dystroglycan 1 (dystrophin-associated glycoprotein 1)
- DOK1 docking protein 1, 62kDa (downstream of tyrosine kinase 1)
- FLT1 fms-related tyrosine kinase 1
- FOS FBJ murine osteosarcoma viral oncogene homolog
- FRS2 fibroblast growth factor receptor substrate 2
- FYN FYN proto-oncogene, Src family tyrosine kinase
- GAB1 GRB2-associated binding protein 1
- GAB2 GRB2-associated binding protein 2
- GAS1 growth arrest-specific 1
- GDNF glial cell derived neurotrophic factor
- GFRA1 GDNF family receptor alpha 1
- GFRA2 GDNF family receptor alpha 2
- GFRA3 GDNF family receptor alpha 3
- GFRA4 GDNF family receptor alpha 4
- GRB2 growth factor receptor-bound protein 2
- HECW2 HECT, C2 and WW domain containing E3 ubiquitin protein ligase 2
- HES1 hes family bHLH transcription factor 1
- HEY1 hes-related family bHLH transcription factor with YRPW motif 1
- HIF1A hypoxia inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor)
- HRAS Harvey rat sarcoma viral oncogene homolog
- IKBKB inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta
- IKBKE inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase epsilon
- IKBKG inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma
- IL1B interleukin 1, beta
- IL6 interleukin 6
- IL8 interleukin 8
- IRS1 insulin receptor substrate 1
- IRS2 insulin receptor substrate 2
- ITGB1 integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12)
- ITGB3 integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61)
- JAG1 Jagged 1
- JAK1 Janus kinase 1
- JAK2 Janus kinase 2
- JAK3 Janus kinase 3
- JUN jun proto-oncogene
- KIT v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog
- MAP2K1 mitogen-activated protein kinase kinase 1
- MAP2K2 mitogen-activated protein kinase kinase 2
- MAP2K7 mitogen-activated protein kinase kinase 7
- MAP3K1 mitogen-activated protein kinase kinase kinase 1, E3 ubiquitin protein ligase
- MAPK1 mitogen-activated protein kinase 1



- MAPK10 mitogen-activated protein kinase 10
- MAPK3 mitogen-activated protein kinase 3
- MAPK8 mitogen-activated protein kinase 8
- MAPK9 mitogen-activated protein kinase 9
- MET MET proto-oncogene, receptor tyrosine kinase
- MMP2 matrix metalloproteinase 2
- MMP7 matrix metalloproteinase
- MMP9 matrix metalloproteinase 9
- MYC V-Myc Myelocytomatosis Viral Oncogene Homolog
- NCAM1 neural cell adhesion molecule 1
- NCK1 NCK adaptor protein 1
- NFKB1 nuclear factor of kappa light polypeptide gene enhancer in B-cells 1
- NOTCH1 notch 1
- NRTN neurturin
- PAK1 p21 protein (Cdc42/Rac)-activated kinase 1
- PDLIM7 PDZ and LIM domain 7 (enigma)
- PLCG1 phospholipase C, gamma 1
- PRKCA protein kinase C, alpha
- PROM1 prominin 1
- PSPN persephin
- PTEN phosphatase and tensin homolog
- PTK2 protein tyrosine kinase 2
- RAF1 Raf-1 proto-oncogene, serine/threonine kinase
- RET ret proto-oncogene
- RPS6KA1 ribosomal protein S6 kinase, 90kDa, polypeptide 1
- RPS6KA2 ribosomal protein S6 kinase, 90kDa, polypeptide 2
- SHC1 SHC (Src homology 2 domain containing) transforming protein 1
- SOS1 son of sevenless homolog 1 (Drosophila)
- SRC SRC proto-oncogene, non-receptor tyrosine kinase
- TERT telomerase reverse transcriptase
- TFF1 trefoil factor 1
- TNF tumor necrosis factor
- TP53 tumor protein p53
- TWIST1 twist family bHLH transcription factor 1
- VEGFA vascular endothelial growth factor A
- 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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