



Mouse Bdnf Signaling Primer Library

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

Description

Contains 88 primer sets directed against BDNF 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:

- Acacb acetyl-CoA carboxylase beta
- Akt1 v-akt murine thymoma viral oncogene homolog 1
- Bdnf brain-derived neurotrophic factor
- Camk1 calcium/calmodulin-dependent protein kinase I
- Cdc42 cell division cycle 42
- Cdh2 cadherin 2, type 1, N-cadherin (neuronal)
- Cdk5 cyclin-dependent kinase 5
- Cdk5R1 cyclin-dependent kinase 5, regulatory subunit 1 (p35)
- Cebpb CCAAT/enhancer binding protein (C/EBP), beta
- Cfl1 cofilin 1 (non-muscle)
- Cnr1 cannabinoid receptor 1 (brain)
- Creb1 cAMP responsive element binding protein 1
- Ctnnb1 catenin (cadherin-associated protein), beta 1, 88kDa
- Dlg1 discs, large homolog 1 (Drosophila)
- Dock3 dedicator of cytokinesis 3
- Dok5 docking protein 5
- Elk1 ELK1, member of ETS oncogene family
- Frs2 fibroblast growth factor receptor substrate 2
- Fyn FYN proto-oncogene, Src family tyrosine kinase
- Gabrb1 gamma-aminobutyric acid (GABA) A receptor, beta 1
- Grb2 growth factor receptor-bound protein 2
- Gria1 glutamate receptor, ionotropic, AMPA 1
- Gria2 glutamate receptor, ionotropic, AMPA 2
- Gria3 glutamate receptor, ionotropic, AMPA 3
- Grin1 glutamate receptor, ionotropic, N-methyl D-aspartate 1
- Grip1 glutamate receptor interacting protein 1
- Hras Harvey rat sarcoma viral oncogene homolog
- Irs1 insulin receptor substrate 1
- Irs2 insulin receptor substrate 2
- Jak2 Janus kinase 2
- Jun jun proto-oncogene
- Lingo1 leucine rich repeat and Ig domain containing 1
- Map2K1 mitogen-activated protein kinase kinase 1
- Map2K5 mitogen-activated protein kinase kinase 5
- Map3K1 mitogen-activated protein kinase kinase kinase 1, E3 ubiquitin protein ligase
- Mapk1 mitogen-activated protein kinase 1
- Mapk10 mitogen-activated protein kinase 10
- Mapk14 mitogen-activated protein kinase 14
- Mapk3 mitogen-activated protein kinase 3
- Mapk8 mitogen-activated protein kinase 8
- Mapk9 mitogen-activated protein kinase 9
- Mef2C myocyte enhancer factor 2C
- Ncam1 neural cell adhesion molecule 1
- Ncf1 neutrophil cytosolic factor 1
- Ncf2 neutrophil cytosolic factor 2
- Nck1 NCK adaptor protein 1
- Nck2 NCK adaptor protein 2
- Nfatc4 nuclear factor of activated T-cells, cytoplasmic, calcineurin- dependent 4
- Nfkb1 nuclear factor of kappa light polypeptide gene enhancer in B-cells 1
- Ngf nerve growth factor (beta polypeptide)
- Ngfr nerve growth factor receptor
- Nsf N-ethylmaleimide-sensitive factor
- Ntf3 neurotrophin 3
- Ntrk1 neurotrophic tyrosine kinase, receptor, type 1
- Ntrk2 neurotrophic tyrosine kinase, receptor, type 2
- Ntrk3 neurotrophic tyrosine kinase, receptor, type 3



- Pdk1 3-phosphoinositide dependent protein kinase 1
- Pik3Ca phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit alpha
- Pik3R1 phosphoinositide-3-kinase, regulatory subunit 1 (alpha)
- Plcg1 phospholipase C, gamma 1
- Prkaa1 protein kinase, AMP-activated, alpha 1 catalytic subunit
- Prkcd protein kinase C, delta
- Ptk2B In multiple Geneids
- Ptpn11 protein tyrosine phosphatase, non-receptor type 11
- Ptpnf protein tyrosine phosphatase, receptor type, F
- Rab3A RAB3A, member RAS oncogene family
- Rac1 ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)
- Raf1 Raf-1 proto-oncogene, serine/threonine kinase
- Ranbp9 RAN binding protein 9
- Rap1A RAP1A, member of RAS oncogene family
- Rasgrf1 Ras protein-specific guanine nucleotide-releasing factor 1
- Rela v-rel avian reticuloendotheliosis viral oncogene homolog A
- Rhog ras homolog family member G
- Rps6Ka1 ribosomal protein S6 kinase, 90kDa, polypeptide 1
- Rps6Ka3 ribosomal protein S6 kinase, 90kDa, polypeptide 3
- Rps6Ka5 ribosomal protein S6 kinase, 90kDa, polypeptide 5
- Rps6Kb1 ribosomal protein S6 kinase, 70kDa, polypeptide 1
- Shc1 SHC (Src homology 2 domain containing) transforming protein 1
- Sort1 sortilin 1
- Sqstm1 sequestosome 1
- Src SRC proto-oncogene, non-receptor tyrosine kinase
- Stat1 signal transducer and activator of transcription 1, 91kDa
- Stat3 signal transducer and activator of transcription 3 (acute-phase response factor)
- Stat5A signal transducer and activator of transcription 5A
- Stat5B signal transducer and activator of transcription 5B
- Syn1 synapsin I
- Tiam1 T-cell lymphoma invasion and metastasis 1
- Vav2 vav 2 guanine nucleotide exchange factor
- Actb Actin, beta
- B2M Beta-2-microglobulin
- Gapdh Glyceraldehyde-3-phosphate dehydrogenase
- Gusb Glucuronidase, beta
- Hpirt1 Hypoxanthine phosphoribosyltransferase 1
- Pgk1 Phosphoglycerate kinase 1
- Ppia Peptidylprolyl isomerase A
- Rpl13A Ribosomal protein L13a

Usage

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