



Mouse EGFR Signaling Primer Library

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

Description

Contains 88 primer sets directed against EGFR 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:

- 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 (protein kinase B, gamma)
- Araf v-raf murine sarcoma 3611 viral oncogene homolog
- Atf2 activating transcription factor 2
- Bcl2 B-cell CLL/lymphoma 2
- Braf v-raf murine sarcoma viral oncogene homolog B1
- Cav1 caveolin 1, caveolae protein, 22kDa
- Cav2 caveolin 2
- Casp3 caspase 3, apoptosis-related cysteine peptidase
- Casp9 caspase 9, apoptosis-related cysteine peptidase
- Cbl Cbl proto-oncogene, E3 ubiquitin protein ligase
- Chuk conserved helix-loop-helix ubiquitous kinase
- Ctnnb1
- Dusp1 dual specificity phosphatase 1
- Dusp6 dual specificity phosphatase 6
- Egf epidermal growth factor
- Egfr epidermal growth factor receptor
- Elk1 ELK1, member of ETS oncogene family
- Eps8 epidermal growth factor receptor pathway substrate 8
- Erbb2 v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian)
- Faslg Fas ligand (TNF superfamily, member 6)
- Fos FBJ murine osteosarcoma viral oncogene homolog
- Gab1 GRB2-associated binding protein 1
- Grb2 growth factor receptor-bound protein 2
- Hras v-Ha-ras 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
- Jak1 Janus kinase 1
- Jak2 Janus kinase 2
- Jun jun proto-oncogene
- Kras v-Ki-ras2 Kirsten rat sarcoma viral oncogene homolog
- Map2 microtubule-associated protein 2
- Map2K1 mitogen-activated protein kinase kinase 1
- Map2K2 mitogen-activated protein kinase kinase 2
- Map2K3 mitogen-activated protein kinase kinase 3
- Map2K4 mitogen-activated protein kinase kinase 4
- Map2K5 mitogen-activated protein kinase kinase 5
- Map2K6 mitogen-activated protein kinase kinase 6
- Map2K7 mitogen-activated protein kinase kinase 7
- Map3K1 mitogen-activated protein kinase kinase kinase 1, E3 ubiquitin protein ligase
- Map3K2 mitogen-activated protein kinase kinase kinase 2
- Map3K3 mitogen-activated protein kinase kinase kinase 3
- Mapk1 mitogen-activated protein kinase 1
- Mapk10 mitogen-activated protein kinase 10
- Mapk12 mitogen-activated protein kinase 12
- Mapk14 mitogen-activated protein kinase 14
- Mapk3 mitogen-activated protein kinase 3



- Mapk8 mitogen-activated protein kinase 8
- Mapk9 mitogen-activated protein kinase 9
- Mbp myelin basic protein
- Mras muscle RAS oncogene homolog
- Myc V-myc myelocytomatosis viral oncogene homolog (avian)
- Nfkb1 nuclear factor of kappa light polypeptide gene enhancer in B-cells 1
- Nras neuroblastoma RAS viral (v-ras) oncogene homolog
- Pak1 p21 protein (Cdc42/Rac)-activated kinase 1
- Pdgfb platelet-derived growth factor beta polypeptide
- Pik3Ca phosphoinositide-3-kinase, catalytic, alpha polypeptide
- Pik3R1 phosphoinositide-3-kinase, regulatory subunit 1 (alpha)
- Pik3R2 phosphoinositide-3-kinase, regulatory subunit 2 (beta)
- Pik3R3 phosphoinositide-3-kinase, regulatory subunit 3
- Plcg1 phospholipase C, gamma 1
- Prkca protein kinase C, alpha
- Prkcb protein kinase C, beta
- Prkcd protein kinase C, delta
- Prkce protein kinase C, epsilon
- Prkcg protein kinase C, gamma
- Pten phosphatase and tensin homolog
- 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
- Raf1 v-raf-1 murine leukemia viral oncogene homolog 1
- Rap1A RAP1A, member of RAS oncogene family
- Rel v-rel reticuloendotheliosis viral oncogene homolog (avian)
- Rela v-rel reticuloendotheliosis viral oncogene homolog A (avian)
- Relb v-rel reticuloendotheliosis viral oncogene homolog B
- Rhoa ras homolog family member A
- Rhob ras homolog family member B
- Rhoc ras homolog family member C
- Rhod ras homolog family member D
- Rhog ras homolog family member G
- Rras related RAS viral (r-ras) oncogene homolog
- Shc1 SHC (Src homology 2 domain containing) transforming protein 1
- Sipa1 signal-induced proliferation-associated 1
- Src v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian)
- Stat1 signal transducer and activator of transcription 1, 91kDa
- Stat3 signal transducer and activator of transcription 3 (acute-phase response 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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