



Human EGFR Signaling Primer Library

Catalog No: HEGFR-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 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:

- 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
- 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
- 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)
- PLCB3 phospholipase C, beta 3 (phosphatidylinositol- specific)
- 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)
- RAF1 v-raf-1 murine leukemia viral oncogene homolog 1
- RAP1A RAP1A, member of RAS oncogene family
- RAP1B RAP1B, 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
- HPRT1 Hypoxanthine phosphoribosyltransferase 1
- PGK1 Phosphoglycerate kinase 1
- PPIA Peptidylprolyl isomerase A
- RPL13A Ribosomal protein L13a

Usage

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