



Human Statin Signaling Library

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

Description

Contains 88 primer sets directed against statin 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:

- ABCA1 ATP-binding cassette, sub-family A (ABC1), member 1
- ABCG5 ATP-binding cassette, sub-family G (WHITE), member 5
- ABCG8 ATP-binding cassette, sub-family G (WHITE), member 8
- ACAT2 Acetyl-CoA acetyltransferase 2
- AKT1 V-akt murine thymoma viral oncogene homolog 1
- APOA1 Apolipoprotein A-I
- APOA2 Apolipoprotein A-II
- APOA4 Apolipoprotein A-IV
- APOA5 Apolipoprotein A-V
- APOB Apolipoprotein B (including Ag(x) antigen)
- APOC1 Apolipoprotein C-I
- APOC2 Apolipoprotein C-II
- APOC3 Apolipoprotein C-III
- APOE Apolipoprotein E
- BAX BCL2-associated X protein
- BCL2 B-cell CLL/lymphoma 2
- BCL2L1 BCL2-like 1
- BDNF Brain-derived neurotrophic factor
- CASP3 Caspase 3, apoptosis-related cysteine peptidase
- CASP7 Caspase 7, apoptosis-related cysteine peptidase
- CASP9 Caspase 9, apoptosis-related cysteine peptidase
- CAV1 Caveolin 1, caveolae protein, 22kDa
- CD40 CD40 molecule, TNF receptor superfamily member 5
- CDC42 Cell division cycle 42 (GTP binding protein, 25kDa)
- CETP Cholesteryl ester transfer protein, plasma
- CYP3A4 Cytochrome P450, family 3, subfamily A, polypeptide 4
- CYP3A5 Cytochrome P450, family 3, subfamily A, polypeptide 5
- CYP7A1 Cytochrome P450, family 7, subfamily A, polypeptide 1
- DGAT1 Diacylglycerol O-acyltransferase 1
- ELK1 ELK1, member of ETS oncogene family
- FASN Fatty acid synthase
- FDFT1 Farnesyl-diphosphate farnesyltransferase 1
- GSK3B Glycogen synthase kinase 3 beta
- HMGCR 3-hydroxy-3-methylglutaryl-CoA reductase
- HMGCS1 3-hydroxy-3-methylglutaryl-CoA synthase 1 (soluble)
- IFNG Interferon, gamma
- 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
- IL2 Interleukin 2
- IL5 Interleukin 5 (colony-stimulating factor, eosinophil)
- IL6 Interleukin 6 (interferon, beta 2)
- JUN Jun proto-oncogene
- KLF2 Kruppel-like factor 2 (lung)
- LCAT Lecithin-cholesterol acyltransferase
- LDLR Low density lipoprotein receptor
- LIPC Lipase, hepatic
- LPL Lipoprotein lipase
- LRP1 Low density lipoprotein receptor-related protein 1
- LSS Lanosterol synthase (2,3-oxidosqualene-lanosterol cyclase)
- MAPK1 Mitogen-activated protein kinase 1
- MAPK10 Mitogen-activated protein kinase 10
- MAPK14 Mitogen-activated protein kinase 14
- MAPK3 Mitogen-activated protein kinase 3



- MDM2 Mdm2 p53 binding protein homolog (mouse)
- MTOR Mechanistic target of rapamycin (serine/threonine kinase)
- MTTP Microsomal triglyceride transfer protein
- NFKB1 Nuclear factor of kappa light polypeptide gene enhancer in B-cells 1
- NGF Nerve growth factor (beta polypeptide)
- NOS3 Nitric oxide synthase 3 (endothelial cell)
- PDIA2 Protein disulfide isomerase family A, member 2
- PDK1 Pyruvate dehydrogenase kinase, isozyme 1
- PLTP Phospholipid transfer protein
- PPARA Peroxisome proliferator activated receptor alpha
- PPARD Peroxisome proliferator-activated receptor delta
- PPARG Peroxisome proliferator-activated receptor gamma
- PPARGC1A Peroxisome proliferator-activated receptor gamma, coactivator 1 alpha
- PPARGC1B Peroxisome proliferator-activated receptor gamma, coactivator 1 beta
- PTEN Phosphatase and tensin homolog
- PTGS2 Prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)
- RAC1 Ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)
- REL V-rel reticuloendotheliosis viral oncogene homolog (avian)
- RELA V-rel reticuloendotheliosis viral oncogene homolog A (avian)
- ROCK1 Rho-associated, coiled-coil containing protein kinase 1
- SCARB1 Scavenger receptor class B, member 1
- SCD Stearoyl-CoA desaturase (delta-9-desaturase)
- SIRT1 Sirtuin 1
- SMAD3 SMAD family member 3
- SMAD4 SMAD family member 4
- SOAT1 Sterol O-acyltransferase 1
- SQLE Squalene epoxidase
- SREBf1 Sterol regulatory element binding transcription factor 1
- SREBf2 Sterol regulatory element binding transcription factor 2
- TGFB1 Transforming growth factor, beta 1
- TLR4 Toll-like receptor 4
- TNF Tumor necrosis factor
- VEGFA Vascular endothelial growth factor A
- 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

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