



Human Apoptosis Primer Library

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

Description

Contains 88 primer sets directed against apoptosis 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:

- APAF1 Apoptotic protease activating factor
- ATM Ataxia telangiectasia mutated
- BAG1 BCL2-associated athanogene
- BAG3 BCL2-associated athanogene 3
- BAG4 BCL2-associated athanogene 4
- BAK1 BCL2-antagonist/killer 1
- BAX BCL2-associated X protein
- BCL10 B-cell CLL/lymphoma 10
- BCL2 B-cell CLL/lymphoma 2
- BCL2A1 BCL2-related protein A1
- BCL2L1 BCL2-like 1
- BCL2L11 BCL2-like 11 (apoptosis facilitator)
- BCL2L2 BCL2-like 2
- BFAR Bifunctional apoptosis regulator
- BIK BCL2-interacting killer (apoptosis-inducing)
- BIRC1 Baculoviral IAP repeat-containing 1
- BIRC2 Baculoviral IAP repeat-containing 2
- BIRC3 Baculoviral IAP repeat-containing 3
- BIRC4 Baculoviral IAP repeat-containing 4
- BIRC5 Baculoviral IAP repeat-containing 5 (survivin)
- BIRC6 Baculoviral IAP repeat-containing 6 (apollon)
- BNIP3 BCL2/adenovirus E1B 19kDa interacting protein 3
- BRE Brain and reproductive organ-expressed
- BOK BCL2-related ovarian killer
- CASP1 Caspase 1, apoptosis-related cysteine protease
- CASP10 Caspase 10, apoptosis-related cysteine protease
- CASP4 Caspase 4, apoptosis-related cysteine peptidase
- CASP2 Caspase 2, apoptosis-related cysteine protease
- CASP3 Caspase 3, apoptosis-related cysteine protease
- CASP5 Caspase 5, apoptosis-related cysteine protease
- CASP6 Caspase 6, apoptosis-related cysteine protease
- CASP7 Caspase 7, apoptosis-related cysteine protease
- CASP8 Caspase 8, apoptosis-related cysteine protease
- CASP8AP2 CASP8 associated protein 2
- CFLAR CASP8 and FADD-like apoptosis regulator
- CHEK1 CHK1 checkpoint homolog (S. pombe)
- CHEK2 CHK2 checkpoint homolog (S. pombe)
- CIDEA Cell death-inducing DFFA-like effector a
- CIDEB Cell death-inducing DFFA-like effector b
- CRADD CASP2 and RIPK1 domain containing adaptor
- DAPK1 Death-associated protein kinase 1
- DAPK2 Death-associated protein kinase 2
- DFFA DNA fragmentation factor, 45kDa, alpha polypeptide
- DFFB DNA fragmentation factor, 40kDa, beta polypeptide
- FADD Fas (TNFRSF6)-associated via death domain
- GADD45A Growth arrest and DNA-damage-inducible, alpha
- HRK Harakiri, BCL2 interacting protein
- LTBR Lymphotoxin beta receptor (TNFR superfamily, member 3)
- MCL1 Myeloid cell leukemia sequence 1 (BCL2-related)
- MYD88 Myeloid differentiation primary response gene (88)
- CARD4 Caspase recruitment domain family, member 4
- FAS Fas (TNF receptor superfamily, member 6)
- RIPK2 Receptor-interacting serine-threonine kinase 2
- RPA3 Replication protein A3, 14kDa



- TANK TRAF family member-associated NFKB activator
- TNF Tumor necrosis factor (TNF superfamily, member 2)
- TNFRSF10A Tumor necrosis factor receptor superfamily, member 10a
- TNFRSF10B Tumor necrosis factor receptor superfamily, member 10b
- TNFRSF10C Tumor necrosis factor receptor superfamily, member 10c
- TNFRSF10D Tumor necrosis factor receptor superfamily, member 10d
- TNFRSF11B Tumor necrosis factor receptor superfamily, member 11b
- TNFRSF17 Tumor necrosis factor receptor superfamily, member 17
- TNFRSF1A Tumor necrosis factor receptor superfamily, member 1A
- TNFRSF21 Tumor necrosis factor receptor superfamily, member 21
- CD40 CD40 antigen (TNF receptor superfamily member 5)
- TNFRSF8 Tumor necrosis factor receptor superfamily, member 8
- TNFRSF9 Tumor necrosis factor receptor superfamily, member 9
- TNFSF10 Tumor necrosis factor (ligand) superfamily, member 10
- TNFSF11 Tumor necrosis factor (ligand) superfamily, member 11
- TNFSF13 Tumor necrosis factor (ligand) superfamily, member 12
- TNFSF13B Tumor necrosis factor (ligand) superfamily, member 13b
- TNFSF15 Tumor necrosis factor (ligand) superfamily, member 15
- TNFSF18 Tumor necrosis factor (ligand) superfamily, member 18
- TNFSF4 Tumor necrosis factor (ligand) superfamily, member 4
- CD40LG CD40 ligand (TNF superfamily, member 5)
- FASLG Fas ligand (TNF superfamily, member 6)
- TNFSF7 Tumor necrosis factor (ligand) superfamily, member 7
- TNFSF8 Tumor necrosis factor (ligand) superfamily, member 8
- TNFSF9 Tumor necrosis factor (ligand) superfamily, member 9
- TP53 Tumor protein p53 (Li-Fraumeni syndrome)
- TP73L Tumor protein p73-like
- TRAF1 TNF receptor-associated factor 1
- TRAF2 TNF receptor-associated factor 2
- TRAF3 TNF receptor-associated factor 3
- TRAF4 TNF receptor-associated factor 4
- TRAF5 TNF receptor-associated factor 5
- TRAF6 TNF receptor-associated factor 6
- TRIP TRAF interacting protein
- 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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