Human NK Cell Mediated Toxicity Primer Library

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

Description

Contains 88 primer sets directed against NK cell mediated toxicity 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:

- BID BH3 interacting domain death agonist
- CASP3 caspase 3, apoptosis-related cysteine peptidase
- CD244 CD244 molecule, natural killer cell receptor 2B4
- CD247 CD247 molecule
- CD48 CD48 molecule
- CSF2 colony stimulating factor 2 (granulocyte-macrophage)
- FAS Fas cell surface death receptor
- FASLG Fas ligand (TNF superfamily, member 6)
- FCER1G Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide
- FCGR3A Fc fragment of IgG, low affinity IIIa, receptor (CD16a)
- FCGR3B Fc fragment of IgG, low affinity IIIb, receptor (CD16b)
- FYN FYN proto-oncogene, Src family tyrosine kinase
- GRB2 growth factor receptor-bound protein 2
- GZMB granzyme B
- HCST hematopoietic cell signal transducer
- HLA-A major histocompatibility complex, class I, A
- HLA-B major histocompatibility complex, class I, B
- HLA-C major histocompatibility complex, class I, C
- HLA-E major histocompatibility complex, class I, E
- HLA-G major histocompatibility complex, class I, G
- ICAM1 intercellular adhesion molecule 1
- ICAM2 intercellular adhesion molecule 2
- IFNAR1 interferon (alpha, beta and omega) receptor 1
- IFNAR2 interferon (alpha, beta and omega) receptor 2
- IFNG interferon, gamma
- IFNGR1 interferon gamma receptor 1
- IFNGR2 interferon gamma receptor 2
- ITGAL integrin, alpha L
- ITGB2 integrin, beta 2 (complement component 3 receptor 3 and 4 subunit)
- KIR2DL1 killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 1
- KIR2DL2 killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 2
- KIR2DL3 killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 3
- KIR2DL4 killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 4
- KIR2DL5A killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 5A
- KIR2DS1 killer cell immunoglobulin-like receptor, two domains, short cytoplasmic tail, 1
- KIR2DS2 killer cell immunoglobulin-like receptor, two domains, short cytoplasmic tail, 2
- KIR2DS3 killer cell immunoglobulin-like receptor, two domains, short cytoplasmic tail, 3
- KIR2DS4 killer cell immunoglobulin-like receptor, two domains, short cytoplasmic tail, 4
- KIR2DS5 killer cell immunoglobulin-like receptor, two domains, short cytoplasmic tail, 5
- KIR3DL1 killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail, 1
- KIR3DL2 killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail, 2
- KLRC1 killer cell lectin-like receptor subfamily C, member 1
- KLRD1 killer cell lectin-like receptor subfamily D, member 1 LAT linker for activation of T cells
- LCK LCK proto-oncogene, Src family tyrosine kinase
- LCP2 lymphocyte cytosolic protein 2

- MAPK1 mitogen-activated protein kinase 1
- MAPK3 mitogen-activated protein kinase 3
- MICA MHC class I polypeptide-related sequence A
- MICB MHC class I polypeptide-related sequence B
- NCR1 natural cytotoxicity triggering receptor 1
- NCR2 natural cytotoxicity triggering receptor 2
- NCR3 natural cytotoxicity triggering receptor 3
- NFATC1 nuclear factor of activated T-cells, cytoplasmic, calcineurin- dependent 1
- NFATC2 nuclear factor of activated T-cells, cytoplasmic, calcineurin- dependent 2
- PAK1 p21 protein (Cdc42/Rac)-activated kinase 1
- PIK3CA phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit alpha
- PIK3CB phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit beta
- PIK3CD phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit delta
- PIK3R1 phosphoinositide-3-kinase, regulatory subunit 1 (alpha)
- PIK3R2 phosphoinositide-3-kinase, regulatory subunit 2 (beta)
- PIK3R3 phosphoinositide-3-kinase, regulatory subunit 3 (gamma)
- PLCG1 phospholipase C, gamma 1
- PLCG2 phospholipase C, gamma 2 (phosphatidylinositol-specific)
- PRF1 perforin 1 (pore forming protein)
- PTK2B protein Tyrosine Kinase 2 Beta
- PTPN11 protein tyrosine phosphatase, non-receptor type 11
- PTPN6 protein tyrosine phosphatase, non-receptor type 6
- RAC1 ras-related C3 botulinum toxin substrate 1
- RAC2 ras-related C3 botulinum toxin substrate 2
- RAC3 ras-related C3 botulinum toxin substrate 3
- RAF1 Raf-1 proto-oncogene, serine/threonine kinase
- SH2D1A SH2 domain containing 1A
- SH3BP2 SH3-domain binding protein 2
- SHC1 SHC (Src homology 2 domain containing) transforming protein 1
- SHC2 SHC (Src homology 2 domain containing) transforming protein 2
- SYK spleen tyrosine kinase
- TNF tumor necrosis factor
- TNFRSF10B tumor necrosis factor receptor superfamily, member 10b
- TNFSF10 tumor necrosis factor (ligand) superfamily, member 10
- TYROBP TYRO protein tyrosine kinase binding protein
- ULBP1 UL16 binding protein 1
- ULBP2 UL16 binding protein 2
- ULBP3 UL16 binding protein 3
- VAV1 vav 1 guanine nucleotide exchange factor
- VAV2 vav 2 guanine nucleotide exchange factor
- VAV3 vav 3 guanine nucleotide exchange factor
- ZAP70 zeta-chain (TCR) associated protein kinase 70kDa
- 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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