9051 Mira Mesa Blvd, #910094
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Tel: 760-390-3989

LILRB2 Human

Leukocyte Immunoglobulin Like Receptor B2 Human Recombinant
RCP1242

Product Overview

Name	LILRB2 Human

Description

Leukocyte Immunoglobulin Like Receptor B2 Human Recombinant

Accession (Primary)	Q8N423

Synonyms

Leukocyte Immunoglobulin-like Receptor, CD85D, CD85d, CD85 antigen-like family member D, CD85d antigen, ILT-4, ILT4, ILT4CD85d, Ig-like transcript 4, Immunoglobulin-like transcript 4, LILRB2, LIR2, LIR-2, LIR2CD85D, Leukocyte immunoglobulin-like receptor 2, MIR10, MIR-10, MIR10LILRA6, Monocyte/macrophage immunoglobulinlike receptor 10, leukocyte immunoglobulin-like receptor subfamily B member 2, leukocyte immunoglobulin-like receptor subfamily B member 2 soluble isoform 1.

Introduction

Leukocyte Immunoglobulin Like Receptor B2 (LILRB2) is a member of the leukocyte immunoglobulin-like receptor (LIR) family. LILRB2is expressed on immune cells where it binds to MHC class I molecules on antigen-presenting cells and transduces a negative signal that inhibits stimulation of an immune response.LILRB2controls inflammatory responses and cytotoxicity to help focus the immune response and limit autoreactivity.LILRB2competes with CD8 alpha for MHC I binding. LILRB2binds to classical MHC I proteins as well as the non-classical HLA-G1 and HLA-F molecules.

Source

HEK293 Cells.

Physical Appearance

Sterile filtered colorless solution.

Formulation

The LILRB2 solution (0. 5mg/ml) contains phosphate buffered saline (pH7.4) and 20% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 95.0% as determined by SDS-PAGE.

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Amino acid sequence

GTIPKPTLWA EPDSVITQGS PVTLSCQGSL EAQEYRLYRE KKSASWITRI RPELVKNGQF HIPSITWEHT GRYGCQYYSR ARWSELSDPL VLVMTGAYPK PTLSAQPSPV VTSGGRVTLQ CESQVAFGGF ILCKEGEDEH PQCLNSQPHA RGSSRAIFSV GPVSPNRRWS HRCYGYDLNS PYVWSSPSDL LELLVPGVSK KPSLSVQPGP VMAPGESLTL QCVSDVGYDR FVLYKEGERD LRQLPGRQPQ AGLSQANFTL GPVSRSYGGQ YRCYGAHNLS SECSAPSDPL DILITGQIRG TPFISVQPGP TVASGENVTL LCQSWRQFHT FLLTKAGAAD APLRLRSIHE YPKYQAEFPM SPVTSAHAGT YRCYGSLNSD PYLLSHPSEP LELVVSGPSM GSSPPPTGPI STPAGPEDQP LTPTGSDPQS GLGRHLGV HH HHHH

Precautions

LILRB2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q8N423)