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KLRC2 Human

Killer Cell Lectin-Like Receptor Subfamily C, Member 2 Human Recombinant RCP1180

Product Overview

Name	KLRC2 Human

Description

Killer Cell Lectin-Like Receptor Subfamily C, Member 2 Human Recombinant

Accession (Primary)	P26717

Synonyms

Killer cell lectin-like receptor subfamily C member 2, NKG2-C type II integral membrane protein, NKG2-C-activating NK receptor, CD159 antigen-like family member C, NK cell receptor C, NKG2C, CD159c.

Introduction

KLRC2 has a part as a receptor for the recognition of MHC class I HLA-E molecules by NK cells and some cytotoxic T-cells. The group, designated KLRC (NKG2) are expressed mainly in natural killer (NK) cells and encodes a family of transmembrane proteins categorized by a type II membrane orientation (extracellular C terminus) and the presence of a C-type lectin domain. The KLRC (NKG2) gene family is situated inside the NK complex, a region which holds a few C-type lectin genes specially expressed on NK cells. KLRC2 alternative splice variants are known but their full-length nature is yet to be determined.

Source

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The KLRC2 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% 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 85% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGSM IPFLEQ NNFSPNTRTQ KARHCGHCPE EWITYSNSCY YIGKERRTWE ESLLACTSKN SSLLSIDNEE EMKFLASILP SSWIGVFRNS SHHPWVTING LAFKHKIKDS DNAELNCAVL

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QVNRLKSAQC GSSMIYHCKH KL

Precautions

KLRC2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P26717)