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KLRG1 Human

Killer Cell Lectin-like Receptor Subfamily G, Member 1 Human Recombinant
RCP1184

Product Overview

Name	KLRG1 Human

Description

Killer Cell Lectin-like Receptor Subfamily G, Member 1 Human Recombinant

Accession (Primary)	Q96E93

Synonyms

Killer cell lectin-like receptor subfamily G member 1, C-type lectin domain family 15 member A, ITIM-containing receptor MAFA-L, MAFA-like receptor, Mast cell function-associated antigen, KLRG1, CLEC15A, MAFA, MAFAL, 2F1, MAFA-L, MAFA-2F1, MAFA-LIKE.

Introduction

Killer Cell Lectin-like Receptor Subfamily G, Member 1 (KLRG1) is a member of the killer cell lectin-like receptor (KLR) family, which is a group of transmembrane proteins preferentially expressed in NK cells. Natural killer (NK) cells are lymphocytes which mediate lysis of certain tumor cells and virus-infected cells without previous activation. NK cells can also regulate specific humoral and cell-mediated immunity. The cell surface expression of KLRG1 is up-regulated by MHC class I molecules expression.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

KLRG1 protein solution (0.5mg/ml) containing 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 85.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS LCQGSNY STCASCPSCP DRWMKYGNHC YYFSVEEKDW NSSLEFCLAR DSHLLVITDN QEMSLLQVFL SEAFCWIGLR NNSGWRWEDG SPLNFSRISS NSFVQTCGAI NKNGLQASSC

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EVPLHWVCKK VRL.

Precautions

KLRG1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q96E93)