
Product Data Sheet

Product Name: KLRC1 Human
 Cat. No.: GP23758
 Batch No.: 1

Product Data

Purity	>98%	Source	Sf9, Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	NKG2-A/NKG2-B type II integral membrane protein isoform NKG2-A; KLRC1; Killer Cell Lectin-Like Receptor Subfamily C; Member 1; KLRC1; CD159A; NKG2; NKG2A; CD159 antigen-like family member A; NK cell receptor A; NKG2-A/B-activating NK receptor.		
Amino Acid Sequence	ADPPSTLIQR HNNSSLNTRT QKARHCGHCP EEWITYSNSC YYIGKERRTW EESLLACTSK NSSLLSIDNE EEMKFLSIIS PSSWIGVFRN SSHHPWVTMN GLAFKHEIKD SDNAELNCAV LQVNRLKSAQ CGSSIIYHCK HKLHHHHHHH.		
Formulation	KLRC1 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.		

Introduction

Killer Cell Lectin-Like Receptor Subfamily C, Member 1 (KLRC1) is a part of the killer cell lectin-like receptor family. KLRC1 functions as a receptor for the detection of MHC class I HLA-E molecules by NK cells and some cytotoxic T-cells. KLRC1 is also connects with CD94 and is expressed on NK cells and some activated T cell.

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.

Background

KLRC1 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 149 amino acids (94-233a.a.) and having a molecular mass of 17.1kDa (Molecular size on SDS-PAGE will appear at approximately 18-28kDa). KLRC1 is expressed with a 9 amino acids His tag at C-Terminus and purified by proprietary

Caution: Product has not been fully validated for medical applications. For research use only.

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chromatographic techniques.

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