9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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KLRK1 Human

Killer Cell lectin-Like Receptor Subfamily K, Member 1 Human Recombinant RCP1186

Product Overview

Name	KLRK1 Human
Description	
Killer Cell lectin-Like Receptor Subfamily K, Member 1 Human Recombinant	
Accession (Primary)	P26718
Synonyms	
CD314, D12S2489E, KLR, NKG2-D, NKG2D, Killer cell lectin-like receptor subfamily K member 1, NK cell receptor D, NKG2-D-activating NK receptor, CD314.	
Introduction	
Killer Cell lectin-Like Receptor Subfamily K, Member 1 (KLRK1) is an activating receptor which has recently generated considerable interest. The most fascinating of these, are a couple of closely related proteins known as MICA and MICB. These are cell-surface molecules distantly related to MHC class I proteins, and their genes have elements of heat shock promoters. Thus, MICA and MICB are expressed in the course of cell stress and are up-regulated in tumor cells and during viral infections. This receptor-ligand combination has a crucial role in the immune response to various pathologies.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
KLRK1 protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M Urea.	
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 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSM IWSAVF LNSLFNQEVQ IPLTESYCGP CPKNWICYKN NCYQFFDESK NWYESQASCM SQNASLLKVY SKEDQDLLKL VKSYHWMGLV HIPTNGSWQW EDGSILSPNL LTIIEMQKGD	

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Precautions

KLRK1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P26718)