9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KLRD1 Human

Killer Cell Lectin Like Receptor D1 Human Recombinant
RCP1182

Product Overview

Name	KLRD1 Human
Description	
Killer Cell Lectin Like Receptor D1 Human Recombinant	
Accession (Primary)	Q13241
Synonyms	
Killer Cell Lectin Like Receptor D1, Killer Cell Lectin-Like Receptor Subfamily D, Member 1, NK Cell Receptor, CD94 Antigen, CD94, KP43, Killer Cell Lectin-Like Receptor Subfamily D Member 1, Natural Killer Cells Antigen CD94, KLRD1.	
Introduction	
KLRD1, also known as Killer Cell Lectin Like Receptor D1, is expressed on the surface of natural killer cells in the innate immune system. KLRD1 functions as a receptor for the recognition of MHC class I HLA-E molecules by NK cells and some cytotoxic T-cells. KLRD1 can create disulfide-bonded heterodimer with NKG2 family members. CD94 & NKG2 complex interacts with (HLA)-E, Human Leukocyte Antigen on target cells on the surface of natural killer cells.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
KLRD1 protein solution (0.5mg/ml) contains Phosphate buffered saline (pH7.4) 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 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
ADP KNSFTKL SIEPAFTPGP NIELQKDSDC CSCQEKWVGY RCNCYFISSE QKTWNESRHL CASQKSSLLQ LQNTDELDFM SSSQQFYWIG LSYSEEHTAW LWENGSALSQ YLFPSFETFN TKNCIAYNPN GNALDESCED KNRYICKQQL I HHHHHH	

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Precautions

KLRD1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q13241)