

Datasheet for ABIN6388105
CD94 Protein (AA 32-179) (His tag)



[Go to Product page](#)

1 Image

Overview

Quantity:	50 µg
Target:	CD94 (KLRD1)
Protein Characteristics:	AA 32-179
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD94 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPKNSFTKL SIEPAFTPGP NIELQKSDSC CSCQEKWVGY RCNCYFISSE QKTWNESRHL CASQKSSLLQ LQNTDELDFM SSSQQFYWIG LSYSEEHTAW LWENGALSQ YLFPSFETFN TKNCIAYNPN GNALDESCED KNRYICKQQL IHHHHHHH
Purity:	> 95 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1ug of protein (determined by LAL method)

Target Details

Target:	CD94 (KLRD1)
Alternative Name:	KLRD1 (KLRD1 Products)
Background:	KLRD1, also known as natural killer cells antigen CD94 isoform 1, is expressed on the surface of natural killer cells in the innate immune system. It plays a role as a receptor for the recognition

Target Details

of MHC class I HLA-E molecules by NK cells and some cytotoxic T-cells. This protein can form disulfide-bonded heterodimer with NKG2 family members. CD94 and NKG2 complex interacts with Human Leukocyte Antigen (HLA)-E on target cells on the surface of natural killer cells. Recombinant human KLRD1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 18.2kDa (157aa) 18-28kDa (SDS-PAGE under reducing conditions.)

NCBI Accession: [NP_002253](#)

UniProt: [Q13241](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

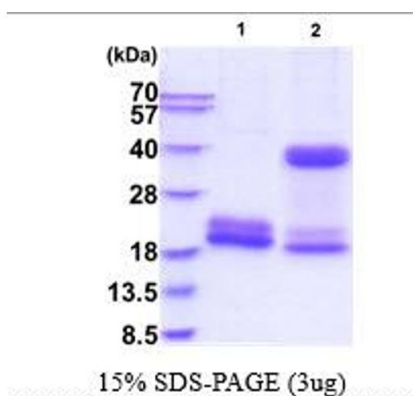
Concentration: 0.5 mg/mL

Buffer: liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Images



Lane 1: reducing conditions

Lane 2: non-reducing conditions

SDS-PAGE

Image 1.