

Datasheet for ABIN7275087

KIR2DL2 Protein (His-Avi Tag,Biotin)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	KIR2DL2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KIR2DL2 protein is labelled with His-Avi Tag,Biotin.

Product Details

Sequence:	His22-His245
Purity:	> 95% as determined by Tris-Bis PAGE,> 95% as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	KIR2DL2
Alternative Name:	KIR2DL2 (KIR2DL2 Products)
Background:	Killer cell immunoglobulin-like receptor 2DL2,CD158 antigen-like family member B1,MHC class I NK cell receptor,NKAT-6,p58 NK receptor CL-43,CD158b1,KIR2DL2,CD158B1,NKAT6,KIR2DL2 (2DL2, formerly NKAT6, designated CD158b) is a 348 amino acid (aa) type I transmembrane glycoprotein that belongs to the human killer cell Ig-like receptor (KIR) family. KIRs are expressed on human CD56dim NK cells and T cell subsets, and regulate effector functions in

Target Details

	the innate immune system.KIR2DL2 is receptor on natural killer (NK) cells for HLA-Cw1, 3, 7, and 8 allotypes. Inhibits the activity of NK cells thus preventing cell lysis.
Molecular Weight:	27.4 kDa. Due to glycosylation, the protein migrates to 45-60 kDa based on Tris-Bis PAGE result.
UniProt:	P43627

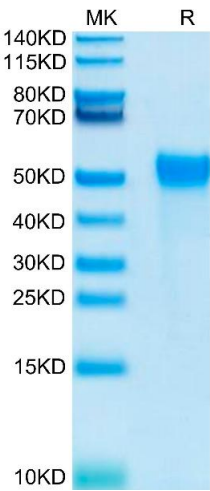
Application Details

Restrictions:	For Research Use only
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Handling

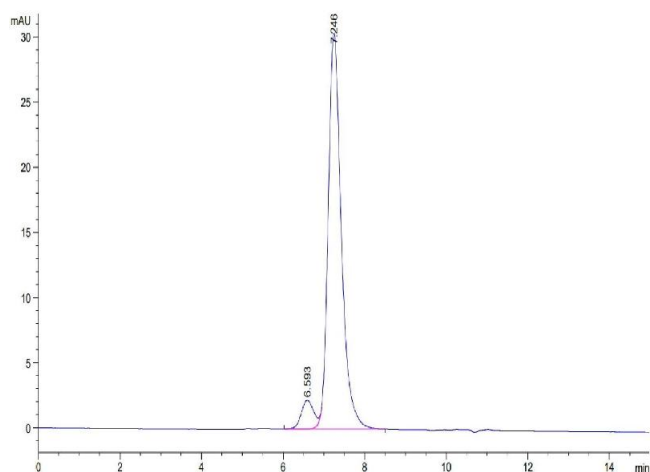
Format:	Lyophilized
Reconstitution:	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/mL is recommended (usually we use 1 mg/mL solution for lyophilization). Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5 % trehalose is added as protectant before lyophilization.
Storage:	4 °C,-80 °C
Storage Comment:	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

Images



SDS-PAGE

Image 1. Biotinylated Human KIR2DL2 on Tris-Bis PAGE under reduced conditions. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Biotinylated Human KIR2DL2 is greater than 95 % as determined by SEC-HPLC.