



[Go to Product page](#)

Datasheet for ABIN7535356
KIR2DL3 Protein (His tag)

Overview

Quantity:	100 µg
Target:	KIR2DL3
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This KIR2DL3 protein is labelled with His tag.

Product Details

Purpose:	Active Recombinant Human NKAT-2/KIR2DL3/CD158b2 Protein
Sequence:	HEGVHRKPSL LAHPGPLVKS EETVILQCWS DVRFQHLLH REGKFKDTLH LIGEHHDGVS KANFSIGPMM QDLAGTYRCY GSVTHSPYQL SAPSDPLDIV ITGLYEKPSL SAQP GPTVLA GESVTLSCSS RSSYDMYHLS REGEAHERRF SAGPKVNGTF QADFPLGPAT HGGTYRCFGS FRDSPYEWSN SSDPLLVSVT GNPSNSWPSP TEPSETGNP RHLH
Specificity:	His22-His245
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	<0.1EU/µg
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. Immobilized Human KIR2DL3 at 5 µg/mL (100 µL/well) can bind KIR2DL3 Rabbit pAb with a linear range of 1-39 ng/mL.

Target Details

Target:	KIR2DL3
Alternative Name:	NKAT-2/KIR2DL3/CD158b2 (KIR2DL3 Products)
Background:	<p>Description: Killer cell immunoglobulin-like receptor 2DL3, also known as CD158 antigen-like family member B2, KIR-23GB, Killer inhibitory receptor cl 2-3, MHC class I NK cell receptor, NKAT2a, NKAT2b, Natural killer-associated transcript 2, p58 natural killer cell receptor clone CL-6, p58.2 MHC class-I-specific NK receptor, CD158b2, and KIR2DL3, is a single-pass type I membrane protein which belongs to the immunoglobulin superfamily. KIR2DL3 contains 2 Ig-like C2-type (immunoglobulin-like) domains. KIR2DL3 interacts with ARR2. KIR2DL3 is a receptor on natural killer (NK) cells for HLA-C alleles (HLA-Cw1, HLA-Cw3, and HLA-Cw7). KIR2DL3 inhibits the activity of NK cells thus preventing cell lysis.</p> <p>Name: KIR2DL3,CD158B2,CD158b,GL183,KIR-023GB,KIR-K7b,KIR-K7c,KIR2DS5,KIRCL23,NKAT,NKAT2,NKAT2A,NKAT2B,p58</p>
Gene ID:	3804
UniProt:	P43628-1
Pathways:	Cancer Immune Checkpoints

Application Details

Restrictions: For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.