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Datasheet for ABIN7535581
KIR2DL2 Protein (His tag,AVI tag)

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 tag,AVI tag.

Product Details

Purpose:	Recombinant Human NKAT-6/KIR2DL2/CD158b1 Protein
Sequence:	HEGVHRKPSL LAHPGRLVKS EETVILQCWS DVRFEHFLLH REGKFKDTLH LIGEHHDGVS KANFSIGPMM QDLAGTYRCY GSVTHSPYQL SAPSDPLDIV ITGLYEKPSL SAQP GPTVLA GESVTLSCSS RSSYDMYHLS REGEAHECRF SAGPKVNGTF QADFPLGPAT HGGTYRCFGS FRDSPYEWSN SSDPLLVSVI GNPSNSWPSP TEPSSKTGNP RHLH
Specificity:	His22-His245
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	<0.1EU/µg

Target Details

Target:	KIR2DL2
Alternative Name:	NKAT-6/KIR2DL2/CD158b1 (KIR2DL2 Products)

Target Details

Background: Description: 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 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.
Name: KIR2DL2,CD158B1,CD158b,NKAT-6,NKAT6,p58.2

Gene ID: 3803

UniProt: [P43627](#)

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.