antibodies -online.com





KIR2DL1 Protein (AA 22-242) (Fc Tag)



Go to Product page

\sim					
()	VE	۲۱	/1	\triangle	Λ

Quantity:	100 μg
Target:	KIR2DL1
Protein Characteristics:	AA 22-242
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KIR2DL1 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human KIR2DL1 Protein with C-terminal human Fc tag	
Specificity:	KIR2DL1 (His22-Arg242) hFc (Glu99-Ala330)	
Characteristics:	Extracellular Domain Protein	
Purification:	Purified from cell culture supernatant by affinity chromatography	
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.	

Target Details

Target:	KIR2DL1
Alternative Name:	KIR2DL1 (KIR2DL1 Products)
Background: Killer cell immunoglobulin-like receptors (KIRs) are transmembrane glycoproteins express	

natural killer cells and subsets of T cells. The KIR genes are polymorphic and highly homologous and they are found in a cluster on chromosome 19q13.4 within the 1 Mb leukocyte receptor complex (LRC). The gene content of the KIR gene cluster varies among haplotypes, although several "framework" genes are found in all haplotypes (KIR3DL3, KIR3DP1, KIR3DL4, KIR3DL2). The KIR proteins are classified by the number of extracellular immunoglobulin domains (2D or 3D) and by whether they have a long (L) or short (S) cytoplasmic domain. KIR proteins with the long cytoplasmic domain transduce inhibitory signals upon ligand binding via an immune tyrosine-based inhibitory motif (ITIM), while KIR proteins with the short cytoplasmic domain lack the ITIM motif and instead associate with the TYRO protein tyrosine kinase binding protein to transduce activating signals. The ligands for several KIR proteins are subsets of HLA class I molecules, thus, KIR proteins are thought to play an important role in regulation of the immune response. [provided by RefSeq, Jul 2008]

Molecular Weight:

predicted molecular mass of 50.4 kDa after removal of the signal peptide. The apparent molecular mass of KIR2DL1-hFc is 55-100 kDa due to glycosylation.

UniProt:

P43626

Application Details

Restrictions:

For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months