Datasheet for ABIN6964165

KIR2DL3 Protein (Fc Tag)

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Overview

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

Product Details

Sequence:	KIR2DL3(His22-His245)+hFc(Glu99-Ala330)
Characteristics:	Tagged Protein: C-Human Fc tag
Purification:	affinity purification

Target Details

Target:	KIR2DL3
Alternative Name:	KIR2DL3 (KIR2DL3 Products)
Background:	Synonymes: CD158b, CD158B2, GL183, KIR-023GB, KIR-K7b, KIR-K7c, KIR2DL, KIR2DS5, KIRCL23, NKAT, NKAT2, NKAT2A, NKAT2B, p58 Description: Killer cell immunoglobulin-like receptors (KIRs) are transmembrane glycoproteins expressed by 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

Target Details

	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
Molecular Weight:	50.16 kDa
UniProt:	P43628
Pathways:	Cancer Immune Checkpoints

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with deionized water
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Preservative:	Without preservative
Storage:	-80 °C
Storage Comment:	Store at -80°C for 12 months (Avoid repeated freezing and thawing)
Expiry Date:	12 months