Recombinant Human KIR2DL2 protein, His-Avi-tagged, Biotinylated

Cat. No. KIR2DL2-627HB **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human KIR2DL2 Protein is expressed from mammalian with His Tag and Avi Tag at the C-terminal. It contains His22-His245.
Species	Human
Source	HEK293
ProteinLength	His22-His245
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.
Form	Supplied as 0.22um filtered solution in PBS (pH 7.4).
Molecular Mass	The protein has a predicted MW of 27.4 KDa. Due to glycosylation, the protein migrates to 45-60 KDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.1 EU per ug by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

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Storage	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.
Conjugation	Biotin

GENE INFORMATION

Gene Name	KIR2DL2
Official Symbol	KIR2DL2
Synonyms	AGS2; hN2; neurogenic locus notch homolog protein 2; Notch (Drosophila) homolog 2; notch 2Notch homolog 2 (Drosophila); Notch homolog 2; Notch2; Notch-2
Gene ID	3803
mRNA Refseq	NM_014219.2
Protein Refseq	NP_055034.2
UniProt ID	P43627
Tris-Bis PAGE of KIR2DL2-627HB	
SEC-HPLC of KIR2DL2-627HB	

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