

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

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

## SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human KIR2DL2 Protein is expressed from mammalian with His Tag and Avi Tag at the C-terminal. It contains His22-His245.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	His22-His245
<b>Description</b>	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.
<b>Form</b>	Supplied as 0.22um filtered solution in PBS (pH 7.4).
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	Less than 0.1 EU per ug by the LAL method.
<b>Purity</b>	> 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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