

## Recombinant Human KIR2DL2 protein, Fc-tagged, Biotin-labeled

Cat. No. KIR2DL2-13H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human KIR2DL2(22-245 aa) fused at the C terminus to the Fc portion of human IgG1 followed by a C-terminal Avi-tag was expressed in HEK293 cells. This protein is enzymatically biotinylated using Avi-Tag technology. Biotinylation is confirmed to be $\geq 90\%$ . This protein runs at a higher MW due to glycosylation.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	22-245 a.a.
<b>Form</b>	8 mM Phosphate, pH 7.4, 110 mM NaCl, 2.2 mM KCl, and 20% glycerol.
<b>Molecular Mass</b>	53 kDa
<b>Purity</b>	Greater than 90%
<b>Applications</b>	Useful as an antigen and in protein binding studies.
<b>Storage</b>	Stable for at least 6 months at -80 centigrade. Avoid freeze/thaw cycles. Protein may be diluted to $\geq 100$ $\mu\text{g/ml}$ in PBS + glycerol and stored at -80 centigrade.
<b>Conjugation</b>	Biotin

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## GENE INFORMATION

**Gene Name** KIR2DL2 killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 2 [ Homo sapiens ]

**Official Symbol** KIR2DL2

**Synonyms** KIR2DL2; killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 2; killer cell immunoglobulin-like receptor 2DL2; CD158B1; CD158k; cl 43; nkat6; NKAT-6; p58 NK receptor CL-43; MHC class I NK cell receptor; CD158 antigen-like family member B1; natural killer-associated transcript 6; p58 natural killer cell receptor clone CL-43; NKAT6; p58.2; CD158b;

**Gene ID** 3803

**mRNA Refseq** NM\_014219

**Protein Refseq** NP\_055034

**MIM** 604937

**UniProt ID** P43627

**Chromosome Location** 19q13.4

**Pathway** Adaptive Immune System, organism-specific biosystem; Antigen processing and presentation, organism-specific biosystem; Antigen processing and presentation, conserved biosystem; Graft-versus-host disease, organism-specific biosystem; Graft-versus-host disease, conserved biosystem; Immune System, organism-specific biosystem; Immunoregulatory interactions between a Lymphoid and a non-Lymphoid

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cell, organism-specific biosystem;

**Function**

receptor activity;

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