

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

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	HEK293
ProteinLength	22-245 a.a.
Form	8 mM Phosphate, pH 7.4, 110 mM NaCl, 2.2 mM KCl, and 20% glycerol.
Molecular Mass	53 kDa
Purity	Greater than 90%
Applications	Useful as an antigen and in protein binding studies.
Storage	Stable for at least 6 months at -80 centigrade. Avoid freeze/thaw cycles. Protein may be diluted to ≥ 100 $\mu\text{g/ml}$ in PBS + glycerol and stored at -80 centigrade.
Conjugation	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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