

Active Recombinant Human KIR2DL1 protein, Fc-tagged

Cat. No. KIR2DL1-1906H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KIR2DL1 protein(NP_055033.2)(His 22 - Arg 242), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	His 22 - Arg 242
Form	50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5
Bio-activity	Immobilized Human KIR2DL1, Fc Tag at 1 µg/mL (100 µL/well) can bind Lirilumab with a linear range of 0.1-8 ng/mL.
Molecular Mass	50.7 kDa
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state;

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-70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION
Gene Name

KIR2DL1 killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 1 [Homo sapiens]

Official Symbol

KIR2DL1

Synonyms

KIR2DL1; killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 1; killer cell immunoglobulin-like receptor 2DL1; 47.11; CD158A; cl 42; nkat1; p58.1; NKAT-1; killer Ig receptor; p58 NK receptor CL-42/47.11; MHC class I NK cell receptor; killer inhibitory receptor 2-2-1; CD158 antigen-like family member A; natural killer-associated transcript 1; p58 NK cell inhibitory receptor NKR-K6; p58.1 MHC class-I-specific NK receptor; p58 killer cell inhibitory receptor KIR-K64; p58 natural killer cell receptor clones CL-42/47.11; NKAT; NKAT1; KIR221; KIR-K64;

Gene ID

3802

mRNA Refseq

NM_014218

Protein Refseq

NP_055033

MIM

604936

UniProt ID

P43626

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