

## Active Recombinant Human KIR2DL1 protein, Fc-tagged

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

### SPECIFICATION

|                         |                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human KIR2DL1 protein(NP_055033.2)(His 22 - Arg 242), fused with Fc tag, was expressed in HEK293.                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                      |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | His 22 - Arg 242                                                                                                                                                                                                                           |
| <b>Form</b>             | 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5                                                                                                                                                                             |
| <b>Bio-activity</b>     | 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.                                                                                                                          |
| <b>Molecular Mass</b>   | 50.7 kDa                                                                                                                                                                                                                                   |
| <b>Endotoxin</b>        | Less than 1.0 EU per µg by the LAL method.                                                                                                                                                                                                 |
| <b>Purity</b>           | >90% as determined by SDS-PAGE.                                                                                                                                                                                                            |
| <b>Storage</b>          | For long term storage, the product should be stored at lyophilized state at -20°C or lower.<br>Please avoid repeated freeze-thaw cycles.<br>This product is stable after storage at:<br>-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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