

## Active Recombinant Human KIR2DL2 protein, Fc-tagged

Cat. No. KIR2DL2-12H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human KIR2DL2(His22 - His245) fused with Fc region of Human IgG1 at C-terminal was expressed in NS0.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	22-245 a.a.
<b>Predicted N Terminal</b>	His22
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS.
<b>Bio-activity</b>	Measured by its ability to bind HEK293T human embryonic kidney cells in a flow cytometry assay. When 1 µg of Recombinant Human KIR2DL2/CD158b1 Fc Chimera is added to 5 x 10 <sup>5</sup> HEK293T cells, >20% of the cells will bind to the protein.
<b>Molecular Mass</b>	Predicted Molecular Mass: 51.2 (monomer) kDa;SDS-PAGE: 65-75 kDa, reducing conditions.
<b>Endotoxin</b>	<1.0 EU per 1 µg of the protein by the LAL method.
<b>Purity</b>	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain
<b>Storage</b>	Avoid repeated freeze-thaw cycles.12 months from date of receipt, -20 to -70

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.

**Reconstitution** Reconstitute at 100 µg/mL in PBS.

## 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**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 cell, organism-specific biosystem;

**Function**

receptor activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA