

## Recombinant Human KIR2DL4, Fc tagged

Cat. No. KIR2DL4-338H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human KIR2DL4 (ADY38409.1) (Met1-His242), fused with the Fc region of human IgG1 at the C-terminus, was produced in CHO Cells.
<b>Species</b>	Human
<b>Source</b>	CHO
<b>ProteinLength</b>	1-242 a.a.
<b>Predicted N Terminal</b>	Trp 24
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human KIR2DL4/Fc is a disulfide-linked homodimer. The reduced monomer comprises 462 amino acids and has a predicted molecular mass of 51.3 kDa. The apparent molecular mass of the protein is approximately 62, 34 and 32 kDa in SDS-PAGE under
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	(75.1+13.2+10.1) % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.

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**Storage** Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** KIR2DL4 killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 4 [ Homo sapiens ]

**Official Symbol** KIR2DL4

**Gene ID** 3805

**mRNA Refseq** NM\_001080770

**Protein Refseq** NP\_001074239

**MIM** 604945

**UniProt ID** Q99706

**Chromosome Location** 19q13.4

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