

Recombinant Human KIR2DL4 protein, hFc-tagged

Cat. No. KIR2DL4-0311H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KIR2DL4 protein(ADY38409.1)(Met1-His242), fused with hFc tag, was expressed in CHO.
Species	Human
Source	CHO
ProteinLength	1-242 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	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 reducing conditions.
Proteinlength	Met1-His242
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE

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Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C
Store it under sterile conditions at -20°C to -80°C. 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 of 0.2 ug/ul. 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

Synonyms KIR2DL4; killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 4; killer cell immunoglobulin-like receptor 2DL4; 15.212; 103AS; CD158D; KIR-103AS; NK cell receptor; killer Ig receptor; CD158 antigen-like family member D; MHC class I NK cell receptor KIR103AS; killer cell inhibitory receptor 103AS; natural killer cell inhibitory receptor; G9P; KIR103; KIR103AS;

Gene ID 3805

mRNA Refseq NM_001080770

Protein Refseq NP_001074239

MIM 604945

UniProt ID Q99706

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