

Recombinant Human KIR2DL1 protein(Met1-His245), hFc-tagged

Cat. No. KIR2DL1-6967H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KIR2DL1 (NP_055033.2) (Met 1-His 245) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-245 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The secreted recombinant human KIR2DL1/Fc is a disulfide-linked homodimer. The reduced monomer comprises 465 amino acids and has a predicted molecular mass of 51.7 kDa. The apparent molecular mass of rhKIR2DL1/Fc monomer is approximately 70 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
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.

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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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