

Active Recombinant Human KIR2DL2 protein, Fc-tagged

Cat. No. KIR2DL2-0317H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KIR2DL2 protein(His22-His245), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	22-245 a.a.
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris 100 mM Glycine,25 mM Argine,150 mM NaCl,pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human KIR2DL2, Fc Tag at 1 µg/mL (100 µL/well) can bind Lirilumab with a linear range of 0.1-8 µg/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus.The protein has a calculated MW of 51.0 kDa. The protein migrates as 60-70 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	His22-His245
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Storage For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -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 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

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