Recombinant Human KIR2DL1 protein, His-Avi-tagged

Cat. No. KIR2DL1-496H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KIR2DL1 Protein is expressed from mammalian with His Tag and Avi Tag at the C-terminal. It contains His22-Arg242.
Species	Human
Source	HEK293
ProteinLength	His22-Arg242
Description	KIR2DL1 (2DL1, formerly NKAT1, designated CD158a) is a 348 amino acid (aa) type I transmembrane glycoprotein that belongs to the human killer cell Ig-like receptor (KIR) family.KIR2DL1 is a receptor on natural killer (NK) cells for some HLA-C alleles such as w4 and w6. Inhibits the activity of NK cells thus preventing cell lysis.
Form	Supplied as 0.22um filtered solution in PBS (pH 7.4).
Molecular Mass	The protein has a predicted MW of 27.1 KDa. Due to glycosylation, the protein migrates to 40- 52KDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.05EU per ug by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
Storage	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

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GENE INFORMATION

Gene Name	KIR2DL1
Official Symbol	KIR2DL1
Synonyms	CD158 antigen-like family member A; CD158a antigen; CD158a; CD158Ankat1; cl-42; killer cell immunoglobulin-like receptor 2DL1; killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 1; killer Ig receptor; killer inhibitory receptor 2-2-1; KIR221; KIR2DL1; MHC class I NK cell receptor; Natural killer-associated transcript 1; NKAT; NKAT-1; NKAT1KIR-K64; p58 killer cell inhibitory receptor KIR-K64; p58 natural killer cell receptor clones CL-42/47.11; p58 NK cell inhibitory receptor NKR-K6,47.11; p58 NK receptor CL-42/47.11; p58.1 MHC class-I-specific NK receptor; p58.1
Gene ID	3802
mRNA Refseq	NM_014218.3
Protein Refseq	NP_055033.2
MIM	604936
UniProt ID	P43626

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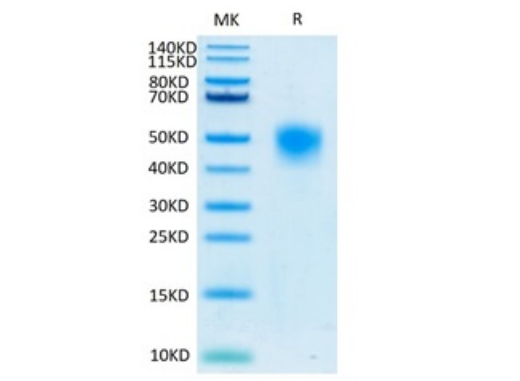
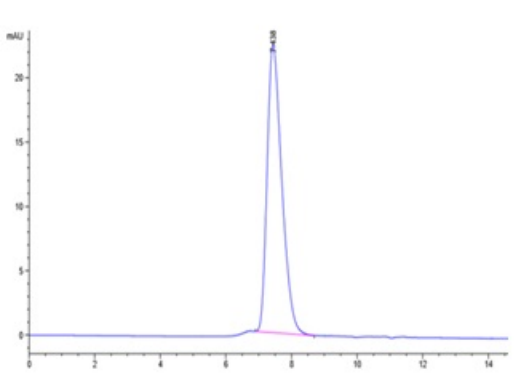
Tris-Bis PAGE of KIR2DL1-496H	
SEC-HPLC of KIR2DL1-496H	

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