

Recombinant Human KIR2DL3 protein, His-Avi-tagged

Cat. No. KIR2DL3-804H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KIR2DL3 Protein is expressed from mammalian with His Tag and Avi Tag at the C-terminal. It contains His 22-His 245.
Species	Human
Source	HEK293
ProteinLength	His 22-His 245
Description	KIR2DL3 (2DL3, formerly NKAT2, designated CD158b2) is a 341 amino acid (aa) type I transmembrane glycoprotein that belongs to the human killer cell Ig-like receptor (KIR) family of molecules. KIRs are expressed on human CD56dim NK cells and T cell subsets, and regulate effector functions in the innate immune system. KIR2DL3 is a receptor on natural killer (NK) cells for HLA-C alleles (HLA-Cw1, HLA-Cw3 and HLA-Cw7). 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 27.3 KDa. Due to glycosylation, the protein migrates to 45-52KDa 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

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Storage The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

GENE INFORMATION

Gene Name [KIR2DL3](#)

Official Symbol [KIR2DL3](#)

Synonyms CD158 antigen-like family member B2; CD158b2 antigen; CD158b2; CD158B2CD158b; cl-6; killer cell immunoglobulin-like receptor 2DL3; killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 3; Killer inhibitory receptor cl 2-3; KIR-023GB; KIR2DL3; KIRCL23; KIR-K7b; KIR-K7c; MGC129943; MHC class I NK cell receptor; natural killer associated transcript 2; natural killer cell inhibitory receptor KIR2DL3; Natural killer-associated transcript 2; NKAT; NKAT2; NKAT-2; NKAT2A; nkat2b; NKAT2GL183; NK-receptor; p58 natural killer cell receptor clone CL-6; p58 NK receptor CL-6; p58; p58.2 MHC class-I specific NK receptor; p58.2 MHC class-I-specific NK receptor

Gene ID [3804](#)

mRNA Refseq [NM_015868.2](#)

Protein Refseq [NP_056952.2](#)

MIM [604938](#)

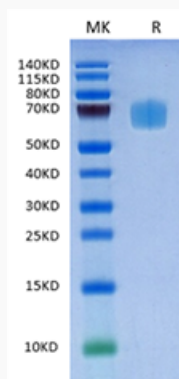
UniProt ID [P43628](#)

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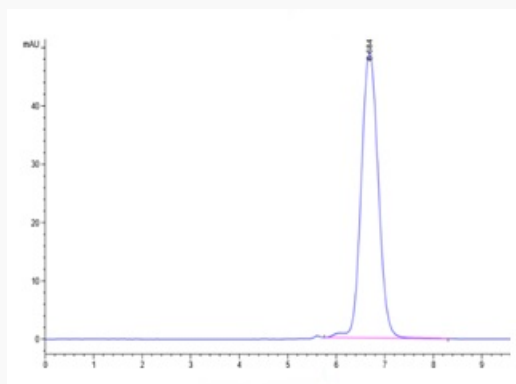
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**Tris-Bis PAGE of
KIR2DL3-804H**



**SEC-HPLC of
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