

Human KIR3DL2 Protein



Cat. No. KR3-HM4L2

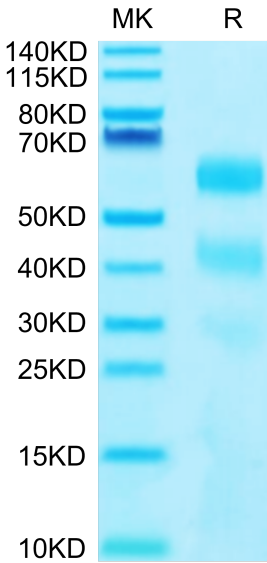
Description	
Source	Recombinant Human KIR3DL2 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus. It contains Leu22-Leu339.
Accession	P43630-1
Molecular Weight	The protein has a predicted MW of 37.9 kDa. Due to glycosylation, the protein migrates to 40-70 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage	
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background	
KIR3DL2 is a member of the killer cell immunoglobulin-like receptor (KIR) family that was initially identified at the surface of natural killer (NK) cells. KIR3DL2, also known as CD158k, is expressed as a disulfide-linked homodimer. Each chain is composed of three immunoglobulin-like domains and a long cytoplasmic tail containing two immunoreceptor tyrosine-based inhibitory motifs.	

Assay Data

Bis-Tris PAGE



Human KIR3DL2 on Bis-Tris PAGE under reduced conditions. The purity is greater than 95%.

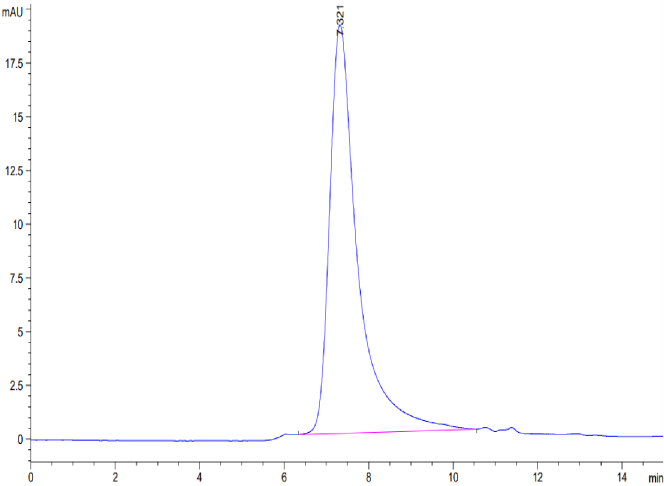
SEC-HPLC

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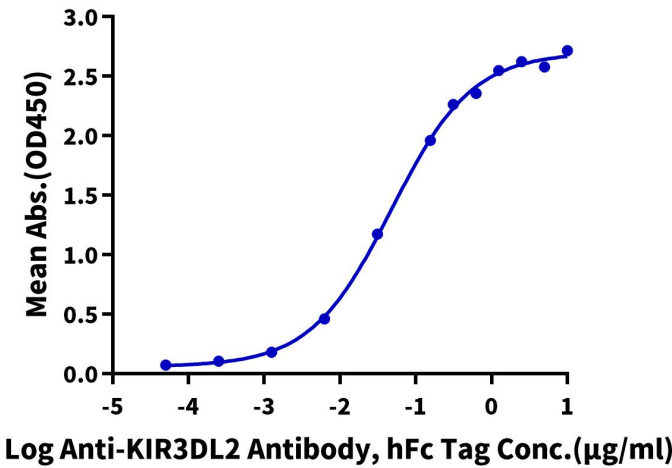
Assay Data



The purity of Human KIR3DL2 is greater than 95% as determined by SEC-HPLC.

ELISA Data

Human KIR3DL2, His Tag ELISA
0.5µg Human KIR3DL2, His Tag Per Well



Immobilized Human KIR3DL2, His Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Anti-KIR3DL2 Antibody, hFc Tag with the EC50 of 47.8ng/ml determined by ELISA.