

Human KIR3DL2 Protein

Cat. No. KR3-HM2L2



Description

Source	Recombinant Human KIR3DL2 Protein is expressed from HEK293 with hFc (IgG1) tag at the C-terminus.
	It contains Leu22-His340.
Accession	P43630-1
Molecular Weight	The protein has a predicted MW of 60.92 kDa. Due to glycosylation, the protein migrates to 75-95 kDa, 52-60 kDa and 40-45 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
	> 95% as determined by HPLC

Formulation and Storage

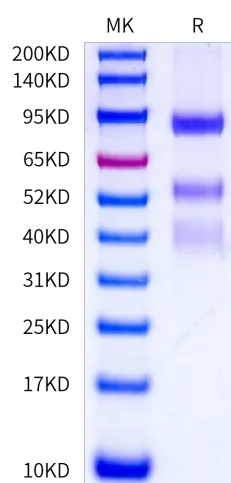
Formulation	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 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.

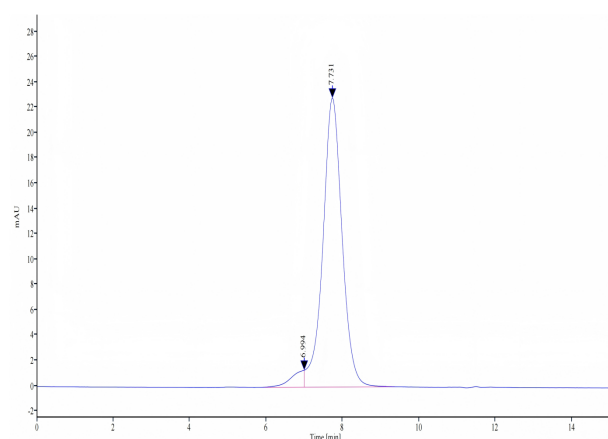
Assay Data

Bis-Tris PAGE



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

SEC-HPLC



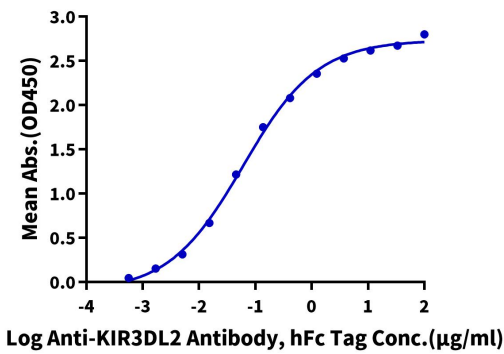
The purity of Human KIR3DL2 is greater than 95% as determined by SEC-HPLC.

Assay Data

ELISA Data

Human KIR3DL2, hFc Tag ELISA

0.5µg Human KIR3DL2, hFc Tag Per Well



Immobilized Human KIR3DL2, hFc Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Anti-KIR3DL2 Antibody, hFc Tag with the EC50 of 60.5ng/ml determined by ELISA.