

Biotinylated Human KIR3DL2 Protein

Cat. No. KR3-HM4L2B

Description

Source	Recombinant Biotinylated 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 35-45 kDa and 55-70 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

Formulation and Storage

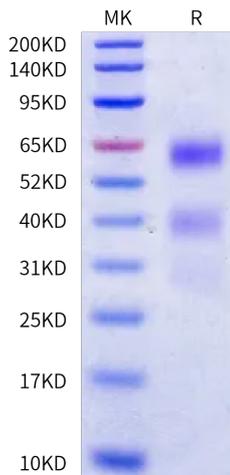
Formulation	Supplied as 0.22 µm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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

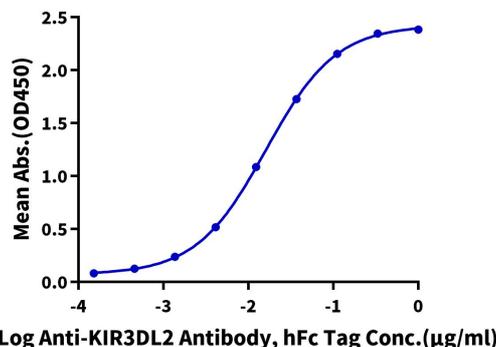


Biotinylated Human KIR3DL2 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

ELISA Data

Biotinylated Human KIR3DL2, His Avi Tag ELISA

0.1µg Biotinylated Human KIR3DL2, His Avi Tag Per Well



Immobilized Biotinylated Human KIR3DL2, His Avi Tag at 1µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Anti-KIR3DL2 Antibody, hFc Tag with the EC50 of 16.1ng/ml determined by ELISA.