Biotinylated Human KIR2DL5 Protein

Cat. No. KIR-HM4L5B

Description

Source	Recombinant Biotinylated Human KIR2DL5 Protein is expressed from Expi293 with His tag and Avi tag at the C-terminal.
	It contains His22-His240.
Accession	NP_065396
Molecular Weight	The protein has a predicted MW of 26.3 kDa. Due to glycosylation, the protein migrates to 45-52 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per ug by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE

Formulation and Storage

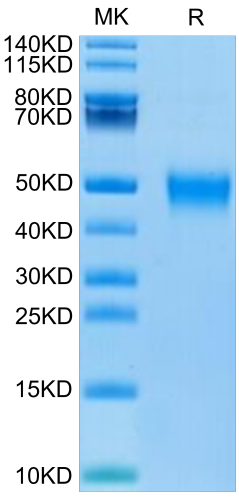
Formulation	Supplied as 0.22μm filtered solution in PBS (pH 7.4). Please dilute to the desired concentration according to the concentration of the solution shown on the product label.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

Background

A recently developed anti-KIR2DL5 (CD158f) antibody has demonstrated KIR2DL5 expression on the surface of NK and T lymphocytes, making it the last functional KIR identified in the human genome. KIR2DL5 belongs to an ancestral lineage of KIR with Ig-like domains of the D0-D2 type, of which KIR2DL4, an HLA-G receptor, is the only other human member.

Assay Data

Tris-Bis PAGE



Biotinylated Human KIR2DL5 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.