Biotinylated Human LILRA6/CD85b/ILT8 Protein

Cat. No. LIL-HM4A6B

Description

Source	Recombinant Biotinylated Human LILRA6/CD85b/ILT8 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus.
	It contains Gly24-Asn447.
Accession	Q6PI73-1
Molecular Weight	The protein has a predicted MW of 49.2 kDa. Due to glycosylation, the protein migrates to 65-75 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE
	> 95% as determined by HPLC

Formulation and Storage

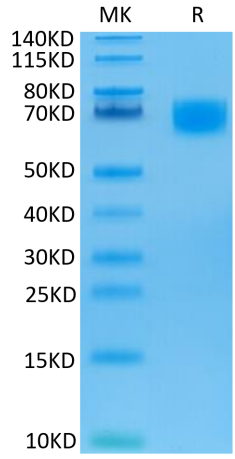
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3-6 months after reconstitution. 2-8°C for 2-7 days after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

The LILRs are a family of receptors that regulate the activities of myelomonocytic cells. Specific allelic variants of two related members of the LILR family, LILRB3 and LILRA6, interact with a ligand exposed on necrotic glandular epithelial cells. The extracellular domains of LILRB3 and LILRA6 are very similar and their genes are highly polymorphic.

Assay Data

Tris-Bis PAGE



Biotinylated Human LILRA6 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

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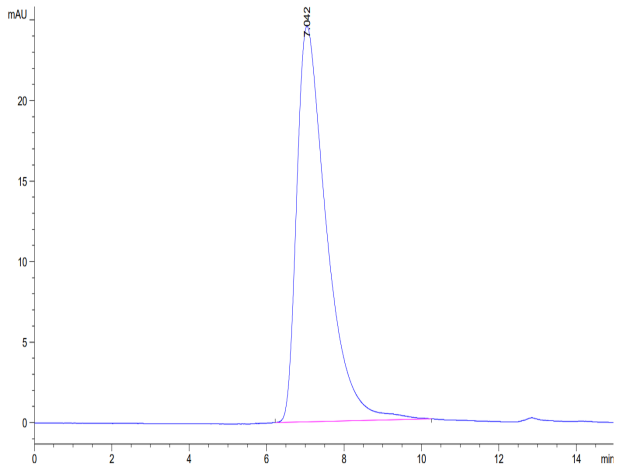

The purity of Biotinylated Human LILRA6 is greater than 95% as determined by SEC-HPLC.