

Recombinant Human LILRB5 protein, Fc & Avi-tagged, Biotinylated

Cat. No. LILRB5-0624H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Human LILRB5 / CD85c / LIR-8, Fc Tag is expressed from human 293 cells (HEK293). It contains AA Gly 24 - Gly 458 (Accession # O75023-1). Biotinylation of this product is performed using Avitag technology. Briefly, the single lysine residue in the Avitag is enzymatically labeled with biotin. The biotin to protein ratio is 0.5-1 as determined by the HABA assay.
Species	Human
Source	HEK293
ProteinLength	Gly 24 - Gly 458
Description	Leukocyte immunoglobulin-like receptor subfamily B member 5 (LILRB5), also known as CD85c and LIR-8, belongs to the leukocyte immunoglobulin-like receptor (LIR) family of transmembrane glycoproteins that negatively regulate immune cell activation. Several other LIR subfamily B receptors are expressed on immune cells where they bind to MHC class I molecules on antigen-presenting cells and inhibit stimulation of an immune response.
Predicted N Terminal	Gly 24
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, pH7.5, 10% trehalose.

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Molecular Mass	The protein has a calculated MW of 75.8 kDa. The protein migrates as 90-105 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. No activity loss is observed after storage at: 4-8°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Shipping	Powder,RT
Conjugation	Biotin

GENE INFORMATION

Gene Name	LILRB5 leukocyte immunoglobulin like receptor B5 [Homo sapiens (human)]
Official Symbol	LILRB5
Synonyms	LIR8; CD85C; LIR-8; CD85 antigen-like family member C; leucocyte Ig-like receptor B5; leukocyte immunoglobulin-like receptor 8; leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 5; leukocyte immunoglobulin-like receptor subfamily B member 5
Gene ID	10990

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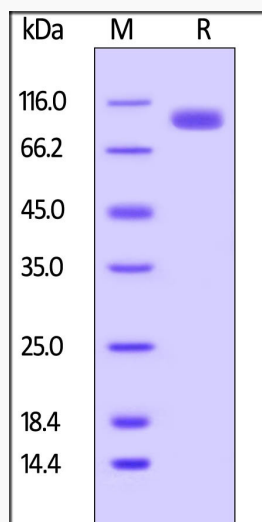
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mRNA Refseq [NM_001081442.2](#)

Protein Refseq [NP_001074911.1](#)

UniProt ID [O75023](#)

SDS-PAGE



Biotinylated Human LILRB5 / CD85c / LIR-8, Fc Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

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