

Human LILRB5/CD85c/LIR-8 Protein

HA210108



Product name:	Human LILRB5/CD85c/LIR-8 Protein
Species reactivity:	Human
Protein construction description:	Recombinant Human LILRB5/CD85c/LIR-8 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus. It contains Arg18-His456.

Background: LILRB5, also known as CD85c and LIR-8, belongs to a family of transmembrane glycoproteins that negatively regulate immune cell activation. Mature human LIR-8 consists of a 435 amino acid (aa) extracellular domain with four Ig-like domains, a 21 aa transmembrane segment, and a 111 aa cytoplasmic domain with two immunoreceptor tyrosine-based inhibitory motifs (ITIM). LILRB5 may act as receptor for class I MHC antigens.

Purity: > 95% as determined by Tris-Bis PAGE

Endotoxin: Less than 1EU per µg by the LAL method.

Source: HEK293

Accession: O75023-1

Predicted molecular mass: The protein has a predicted MW of 49.9 kDa. Due to glycosylation, the protein migrates to 67-72 kDa based on Tris-Bis PAGE result

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.

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Applications: WB=Western blot IHC-P=Immunohistochemistry (paraffin) IF-Cell=Immunofluorescence (Cell) IF-Tissue=Immunofluorescence (Tissue) FC=Flow cytometry IP=Immunoprecipitation

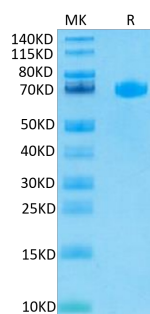


Fig1: Human LILRB5 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

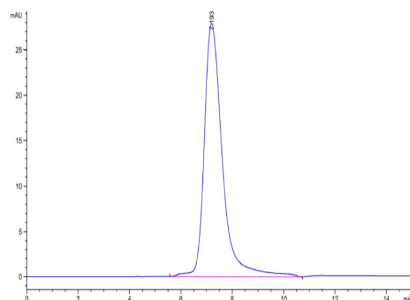


Fig2: The purity of Human LILRB5 is greater than 95% as determined by SEC-HPLC.

Note: All products are “FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE”.

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