

Human LILRA5/CD85f/ILT11 Protein

HA210112



Product name:	Human LILRA5/CD85f/ILT11 Protein
Species reactivity:	Human
Protein construction description:	Recombinant Human LILRA5/CD85f/ILT11 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus. It contains Gly42-Arg268.
Background:	The leukocyte immunoglobulin-like receptors (LILR) comprise a family of activating and inhibitory type immunoreceptors whose genes are located in the same locus that encodes killer cell Ig-like receptors (KIRs). Human LILRA5, also known as ILT11, LIR-9, and CD85f, consists of a 227 amino acid (aa) extracellular domain (ECD), a 21 aa transmembrane segment, and a 10 aa cytoplasmic tail. LILRA5 may play a role in triggering innate immune responses. Does not seem to play a role for any class I MHC antigen recognition.
Purity:	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC
Endotoxin:	Less than 1EU per µg by the LAL method.
Source:	HEK293
Accession:	A6NI73-1
Predicted molecular mass:	The protein has a predicted MW of 28.2 kDa. Due to glycosylation, the protein migrates to 38-50 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

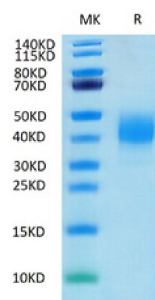


Fig1: Recombinant Human LILRA5 Protein on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

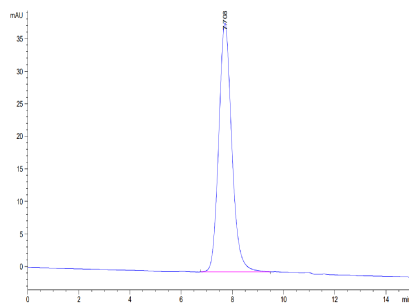


Fig2: The purity of Human LILRA5 is greater than 95% as determined by SEC-HPLC.

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

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