

Active Recombinant Human LILRA5 Protein, His-Avi-tagged, Biotinylated

Cat. No. LILRA5-761H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Human LILRA5, His Tag, Avi Tag is expressed from HEK293 cells. It contains AA Gly 42 - Arg 268 (Accession # A6NI73-1). This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag.
Species	Human
Source	HEK293
ProteinLength	42-268 a.a.
Predicted N Terminal	Gly 42
Form	Lyophilized from 0.22 um filtered solution in PBS, pH7.4, 10% trehalose.
Bio-activity	Immobilized Human ANGPTL7, His Tag at 5 ug/mL (100 uL/well) can bind Biotinylated Human LILRA5, His Tag, Avi Tag with a linear range of 1.25-20 ug/mL.
Molecular Mass	The protein has a calculated MW of 28.9 kDa. The protein migrates as 35-45 kDa under reducing condition (SDS-PAGE) due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Characteristic	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.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
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.
Conjugation	Biotin

GENE INFORMATION

Gene Name	LILRA5 leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 5 [Homo sapiens]
Official Symbol	LILRA5
Synonyms	LILRA5; leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 5; LILRB7; leukocyte immunoglobulin-like receptor subfamily A member 5; CD85; CD85f; ILT11; LIR9; leukocyte Ig-like receptor 9; CD85 antigen-like family member F; leukocyte immunoglobulin-like receptor 9; immunoglobulin-like transcript 11 protein; leukocyte immunoglobulin-like receptor subfamily A member 5 soluble; leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 7; CD85F; LIR-9; ILT-11;

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Gene ID	353514
mRNA Refseq	NM_021250
Protein Refseq	NP_067073
MIM	606047
UniProt ID	A6NI73

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