

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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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