

Active Recombinant Human LILRA1 Protein, His-Avi-tagged, Biotinylated

Cat. No. LILRA1-721H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Human LILRA1, His Tag, Avi Tag is expressed from HEK293 cells. It contains AA Pro 17 - Asn 461 (Accession # O75019-1). This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag.
Species	Human
Source	HEK293
ProteinLength	17-461 a.a.
Predicted N Terminal	Pro 17
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 LILRA1, His Tag, Avi Tag with a linear range of 0.313-2.5 ug/mL.
Molecular Mass	The protein has a calculated MW of 52.2 kDa. The protein migrates as 60-90 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	>90% 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	
Official Symbol	LILRA1
Synonyms	LILRA1, LIR6, CD85i, LIR-6

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