

Active Recombinant Human LILRA2 Protein, His-Avi-tagged, Biotinylated

Cat. No. LILRA2-115H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Human LILRA2, His Tag, Avi Tag is expressed from HEK293 cells. It contains AA Gly 24 - Asn 449 (Accession # Q8N149-1). This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag.
Species	Human
Source	HEK293
ProteinLength	24-449 a.a.
Predicted N Terminal	Gly 24
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 LILRA2, His Tag, Avi Tag with a linear range of 0.625-5 ug/mL.
Molecular Mass	The protein has a calculated MW of 50.7 kDa. The protein migrates as 67-100 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.

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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	LILRA2 leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 2 [Homo sapiens]
Official Symbol	LILRA2
Synonyms	LILRA2; leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 2; leukocyte immunoglobulin-like receptor subfamily A member 2; CD85h; ILT1; LIR 7; LIR7; ILT-1; immunoglobulin-like transcript 1; CD85 antigen-like family member H; leukocyte immunoglobulin-like receptor 7; leukocyte immunoglobulin-like receptor subfamily A member 2 soluble; CD85H; LIR-7;
Gene ID	11027

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mRNA Refseq	NM_001130917
Protein Refseq	NP_001124389
MIM	604812
UniProt ID	Q8N149

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