

Datasheet for ABIN5954999

**LILRA1 Protein (AA 17-461) (His tag,AVI tag,Biotin)**[Go to Product page](#)**2** Images

## Overview

Quantity:	200 µg
Target:	LILRA1
Protein Characteristics:	AA 17-461
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This LILRA1 protein is labelled with His tag,AVI tag,Biotin.

## Product Details

Sequence:	AA 17-461
Specificity:	Biotinylation of this product is performed using Avitag™ technology. Briefly, the single lysine residue in the Avitag is enzymatically labeled with biotin.
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

## Target Details

Target:	LILRA1
Alternative Name:	LILRA1 ( <a href="#">LILRA1 Products</a> )
Background:	Leukocyte immunoglobulin-like receptors (LILRs) are inhibitory, stimulatory or soluble receptors

## Target Details

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encoded within the leukocyte receptor complex. Some LILRs are extensively polymorphic, and exhibit evidence for balancing selection and association with disease susceptibility. LILRA1 (LIR-6) can recognize MHC (major histocompatibility complex) class I or class I-like molecules, and high levels of sequence similarity among LILRA1, LILRA2 (ILT1), LILRA3 (ILT6) and LILRB1/B2.

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Molecular Weight:	52.2 kDa
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## Application Details

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Comment:	<p>Ready-to-use Avitag<sup>TM</sup> biotinylated protein:</p> <p>The product is exclusively produced using the Avitag<sup>TM</sup> technology. Briefly, a unique 15 amino acid peptide, the Avi tag, is introduced into the recombinant protein during expression vector construction. The single lysine residue in the Avi tag is enzymatically biotinylated by the E. Coli biotin ligase BirA.</p>
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This single-point enzymatic labeling technique brings many advantages for commonly used binding assays. The biotinylation happens on the lysine residue of Avi tag, and therefore does NOT interfere with the target protein's natural binding activities. In addition, when immobilized on an avidin-coated surface, the protein orientation is uniform because the position of the Avi tag in the protein is precisely controlled.

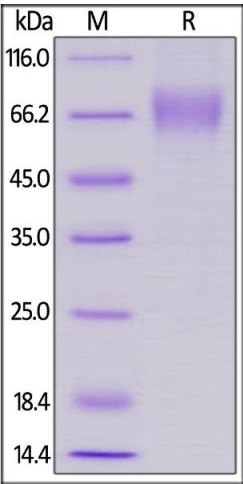
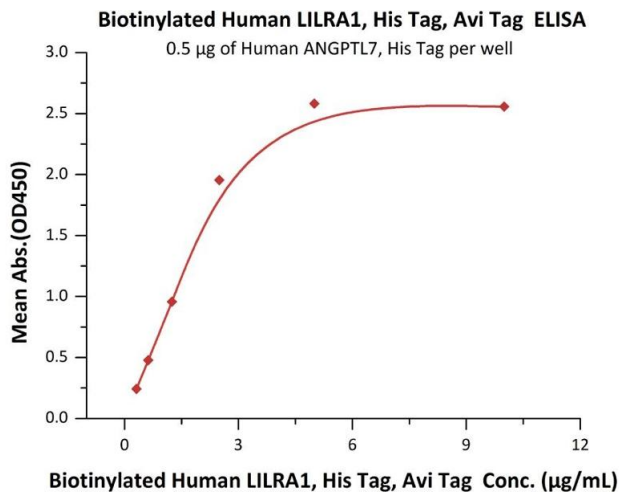
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Restrictions:	For Research Use only
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## Handling

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Format:	Lyophilized
Buffer:	PBS, pH 7.4
Handling Advice:	Please avoid repeated freeze-thaw cycles.
Storage:	-20 °C



**ELISA**

**Image 1.** Immobilized Human ANGPTL7, His Tag (ABIN5526615,ABIN6809995) at 5 µg/mL (100 µL/well) can bind Biotinylated Human LILRA1, His,Avitag (ABIN5954999,ABIN6253637) with a linear range of 0.313-2.5 µg/mL (QC tested).

**SDS-PAGE**

**Image 2.** Biotinylated Human LILRA1, His,Avitag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90 % .