

Datasheet for ABIN5955019

**LILRA6 Protein (AA 24-447) (His tag,AVI tag,Biotin)**[Go to Product page](#)**1** Image

## Overview

Quantity:	200 µg
Target:	LILRA6
Protein Characteristics:	AA 24-447
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This LILRA6 protein is labelled with His tag,AVI tag,Biotin.

## Product Details

Sequence:	AA 24-447
Specificity:	Biotinylation of this product is performed using Avitag™ technology. Briefly, the single lysine residue in the Avitag is enzymatically labeled with biotin.
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

## Target Details

Target:	LILRA6
Alternative Name:	LILRA6 ( <a href="#">LILRA6 Products</a> )
Background:	The LILRs are a family of receptors that regulate the activities of myelomonocytic cells. LILRB3

## Target Details

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and LILRA6 represent a pair of inhibitory/activating receptors with identical extracellular domains and unknown ligands. LILRB3 (ILT5) and LILRA6 (ILT8) are highly polymorphic receptors with similar extracellular domains. LILRA6 can signal through association with an activating adaptor molecule, FcRγ, which bears a cytoplasmic tail with an immunoreceptor tyrosine-based activation motif. Analysis of mRNA expression in the major fractions of PBMCs showed that LILRA6 is primarily expressed in monocytes, and its expression level correlates with copy number of the gene.

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Molecular Weight:	50.0 kDa
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## Application Details

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Comment:	<p>Ready-to-use Avitag™ biotinylated protein:</p> <p>The product is exclusively produced using the Avitag™ 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
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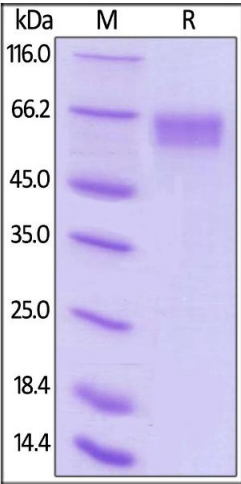
Buffer:	PBS, pH 7.4
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Handling Advice:	Please avoid repeated freeze-thaw cycles.
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Storage:	-20 °C
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SDS-PAGE

**Image 1.** Biotinylated Human LILRA6, His,Avitag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95 % .