

Datasheet for ABIN5954946

**SLAMF1 Protein (AA 21-237) (His tag,AVI tag,Biotin)**[Go to Product page](#)**1** Image

## Overview

Quantity:	200 µg
Target:	SLAMF1
Protein Characteristics:	AA 21-237
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLAMF1 protein is labelled with His tag,AVI tag,Biotin.

## Product Details

Sequence:	AA 21-237
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:	SLAMF1
Alternative Name:	SLAMF1 ( <a href="#">SLAMF1 Products</a> )
Background:	Self-ligand receptor of the signaling lymphocytic activation molecule (SLAM) family, also known as CD150, is the prototypic member of the SLAM subfamily of the CD2 protein family. SLAM receptors triggered by homo- or heterotypic cell-cell interactions are modulating the activation

## Target Details

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and differentiation of a wide variety of immune cells and thus are involved in the regulation and interconnection of both innate and adaptive immune response. Activities are controlled by presence or absence of small cytoplasmic adapter proteins, SH2D1A/SAP and/or SH2D1B/EAT-2. SLAMF1-induced signal-transduction events in T-lymphocytes are different from those in B-cells. The type I transmembrane glycoprotein Signaling Lymphocytic Activation Molecule (SLAM).

Molecular Weight: 28.0 kDa

NCBI Accession: [NP\\_003028](#)

## Application Details

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Comment: Ready-to-use Avitag™ biotinylated protein:  
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.

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.

Restrictions: For Research Use only

## Handling

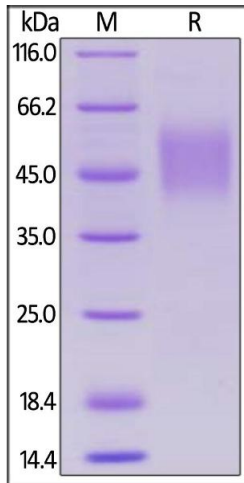
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Format: Lyophilized

Buffer: PBS, pH 7.4

Handling Advice: Please avoid repeated freeze-thaw cycles.

Storage: -20 °C



### SDS-PAGE

**Image 1.** Biotinylated Human SLAMF1, His,Avitag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95 % .