

Datasheet for ABIN6972956

SLAMF8 Protein (AA 23-233) (His tag,AVI tag,Biotin)[Go to Product page](#)**2** Images

Overview

Quantity:	200 µg
Target:	SLAMF8
Protein Characteristics:	AA 23-233
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This SLAMF8 protein is labelled with His tag,AVI tag,Biotin.

Product Details

Specificity:	Biotinylation of this product is performed using Avitag™ technology. Briefly, the single lysine residue in the Avitag is enzymatically labeled with biotin.
Characteristics:	Biotinylated Human BLAME / SLAMF8 Protein, His,Avitag™
Purity:	>85 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	SLAMF8
Alternative Name:	BLAME (SLAMF8 Products)
Background:	BLAME (B-lymphocyte activator macrophage expressed) is also known as SLAM family

Target Details

member 8(SLAMF8), CD353. BLAME is a cell surface receptor that is expressed upon activation of macrophages (Ms) by IFN- γ or bacteria, is a negative regulator of ROS in response to Gram+ and Gram- bacteria. May play a role in B-lineage commitment and/or modulation of signaling through the B-cell receptor. SLAMF8 is a costimulatory molecule that affects the activation of macrophages in inflammation and in immunosuppression and inflammation response to glioma cells could aid immunotherapy for glioma.

Molecular Weight:	27.1 kDa
-------------------	----------

NCBI Accession:	NP_064510
-----------------	---------------------------

Application Details

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>
----------	--

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.

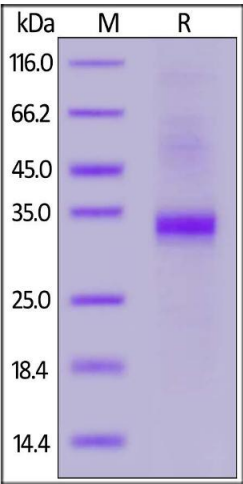
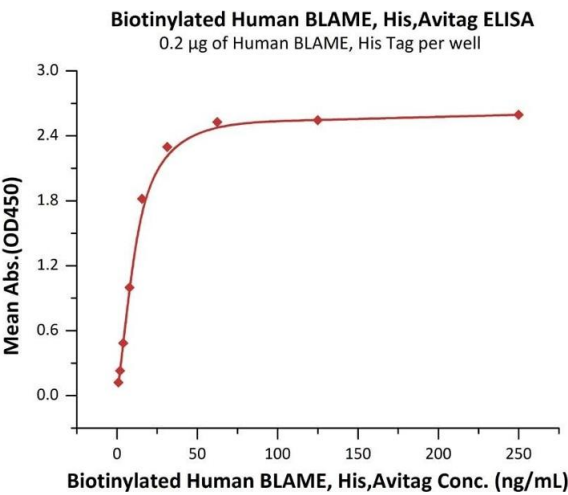
Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Lyophilized
---------	-------------

Buffer:	50 mM Sodium Citrate, 150 mM NaCl, pH 5.5
---------	---

Storage:	-20 °C
----------	--------



ELISA

Image 1. Immobilized Human BLAME, His Tag at 2 µg/mL (100 µL/well) can bind Biotinylated Human BLAME, His,Avitag (ABIN6972956) with a linear range of 1-31 ng/mL (QC tested).

SDS-PAGE

Image 2. Biotinylated Human BLAME, His,Avitag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 85 % .