

**Synonym**

BLAME,SLAMF8,CD353

**Source**

Biotinylated Human BLAME, His,Avitag(BLE-H82E4) is expressed from human 293 cells (HEK293). It contains AA Ala 23 - Asp 233 (Accession # [Q9P0V8-1](#)).

**Molecular Characterization**

BLAME(Ala 23 - Asp 233) Q9P0V8-1	Poly-his	Avi
-------------------------------------	----------	-----

This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag™).

The protein has a calculated MW of 27.1 kDa. The protein migrates as 30-35 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

**Labeling**

*Biotinylation of this product is performed using Avitag™ technology. Briefly, the single lysine residue in the Avitag is enzymatically labeled with biotin.*

**Protein Ratio**

Passed as determined by the HABA assay / binding ELISA.

**Endotoxin**

Less than 1.0 EU per µg by the LAL method.

**Purity**

>85% as determined by SDS-PAGE.

**Formulation**

Lyophilized from 0.22 µm filtered solution in 50 mM Sodium Citrate, 150 mM NaCl, pH5.5 with trehalose as protectant.

Contact us for customized product form or formulation.

**Reconstitution**

Please see Certificate of Analysis for specific instructions.

*For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.*

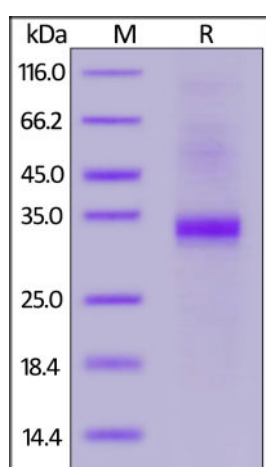
**Storage**

For long term storage, the product should be stored at lyophilized state at -20°C or lower.

*Please avoid repeated freeze-thaw cycles.*

This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

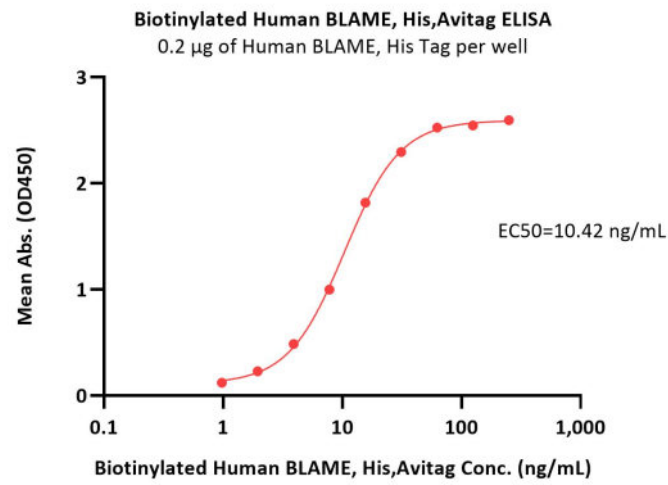
**SDS-PAGE**

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

**Bioactivity-ELISA**

Discounts, Gifts,  
and more!





Immobilized Human BLAME, His Tag at 2 µg/mL (100 µL/well) can bind Biotinylated Human BLAME, His,Avitag (Cat. No. BLE-H82E4) with a linear range of 1-31 ng/mL (QC tested).

## Background

BLAME (B-lymphocyte activator macrophage expressed) is also known as SLAM family member 8 (SLAMF8), CD353. BLAME is a cell surface receptor that is expressed upon activation of macrophages (MΦs) 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.

## Clinical and Translational Updates

Discounts, Gifts,  
and more!

