

# Human CD150 / SLAM / SLAMF1 (His Tag) recombinant protein



Catalog Number: 500043

## General Information

### Gene Name Synonym

CDw150; IPO-3

### Protein Construction

A DNA sequence encoding the human SLAM (NP\_003028.1) precursor (Met 1-Pro 258) with a C-terminal polyhistidine tag was expressed.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its ability to bind biotinylated recombinant human SH2D1A in a functional ELISA.

### Purity

> 97 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Ala 21

### Molecular Mass

The secreted recombinant human SLAM comprises 228 amino acids with a predicted molecular mass of 25.8 kDa. As a result of glycosylation, it migrates as an approximately 45-50 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile PBS, pH 7.4  
1. 5 % trehalose and mannitol are added as protectants before lyophilization.  
2. Please contact us for any concerns or special requirements.

## Usage Guide

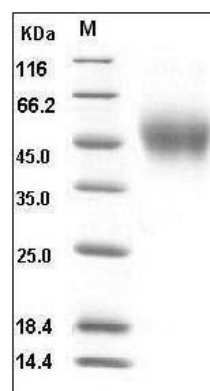
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human CD150 / SLAM / SLAMF1 Protein (His Tag) SDS-PAGE