

# Human CRACC/SLAMF7/CD319 (His Tag) recombinant protein



Catalog Number: 501550

## General Information

### Gene Name Synonym

CD2 subset 1; CD2-like receptor-activating cytotoxic cells; Membrane protein FOAP-12; Novel Ly9; Protein 19A

### Protein Construction

A DNA sequence encoding the human SLAMF7 (NP\_067004.3) extracellular domain (Met 1-Met 226) was expressed, fused with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its ability to bind biotinylated human SLAMF7 in a functional ELISA.

### Purity

> 93 % 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

Ser 23

## Molecular Mass

The recombinant human SLAMF7 consists of 215 amino acids and has a predicted molecular mass of 23.8 kDa. The apparent molecular mass of rh SLAMF7 is approximately 35-45 kDa in SDS-PAGE under reducing conditions due to glycosylation.

## 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

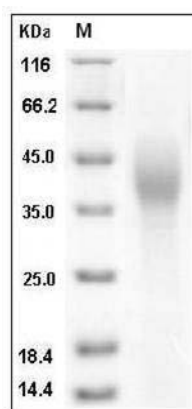
### Storage

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 SLAMF7 / CRACC / CD319 Protein (His Tag) SDS-PAGE