

# Mouse CRACC/SLAMF7?CD319? (His Tag) recombinant protein



Catalog Number: 500207

## General Information

### Gene Name Synonym

Leukocyte cell-surface antigen; Novel Ly9

### Protein Construction

A DNA sequence encoding the mouse SLAMF7 (NP\_653122.2) extracellular domain (Met 1-Gly 224) was fused with a polyhistidine tag at the C-terminus.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Activity

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

### Purity

> 95 % 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 mouse SLAMF7 consists of 213 amino acids with the predicted molecular mass of 23.7 kDa. As a result of glycosylation, the apparent molecular mass of rm SLAMF7 is approximately 35-50 kDa 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

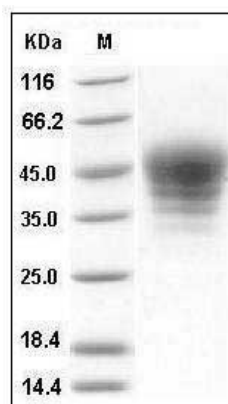
### Storage

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



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