

# Mouse CD48/SLAMF2 (Fc Tag) recombinant protein



Catalog Number: 500567

## General Information

### Gene Name Synonym:

### Protein Construction:

A DNA sequence encoding the mouse CD48 (BAE96323.1) (Met1-Arg216) was expressed with the Fc region of human IgG1 at the C-terminus.

**Source:** Mouse

**Expression Host:** Human Cells

## QC Testing

### Activity:

### Purity:

> 90 % 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:

Phe 23

### Molecular Mass:

The recombinant mouse CD48 comprises 432 amino acids and has a predicted molecular mass of 49 kDa. The apparent molecular mass of the

protein is approximately 63.7 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:

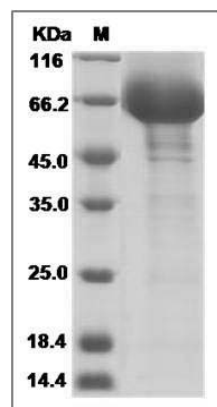
Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ .

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 CD48 / SLAMF2 / BCM1 Protein (Fc Tag)  
SDS-PAGE