

# Mouse CD146/MCAM (His Tag) recombinant protein



Catalog Number: 500989

## General Information

### Gene Name Synonym

Gicerin; Melanoma cell adhesion molecule; Melanoma-associated antigen MUC18

### Protein Construction

A DNA sequence encoding the mouse MCAM (Q8R2Y2-1) extracellular domain (Met 1-Val 563) was expressed, fused with a C-terminal polyhistidine tag.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Purity

> 98 % 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

Val 24

### Molecular Mass

The secreted recombinant mouse MCAM

comprises 551 amino acids and has a calculated molecular mass of 61.3 kDa. As a result of glycosylation, the apparent molecular mass of the recombinant protein is approximately 90-100 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

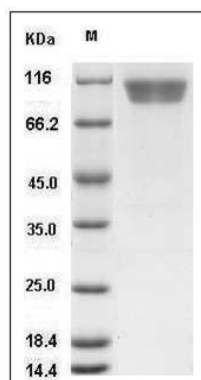
Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ .

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 CD146 / MCAM Protein (His Tag) SDS-PAGE