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 μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°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

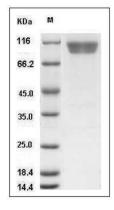
Storage

Store it under sterile conditions at -20°C to -80°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



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