

# Mouse CEACAM1/CD66a (His Tag) recombinant protein



Catalog Number: 503337

## General Information

### Gene Name Synonym

Biliary glycoprotein 1; Biliary glycoprotein D; MHVR1; Murine hepatitis virus receptor

### Protein Construction

A DNA sequence encoding the extracellular domain of mouse CEACAM1 (NP\_001034274.1) (Met 1-Gly 428) was expressed, with a polyhistidine tag at the C-terminus.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### 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

Glu 35

### Molecular Mass

The recombinant mouse CEACAM1 consists of 405

amino acids and has a predicted molecular mass of 45 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmCEACAM1 is approximately 70-100 kDa due to high 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

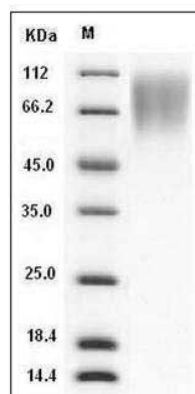
### Storage

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



Mouse CEACAM1 / CD66a Protein (His Tag) SDS-PAGE