

## Recombinant Mouse Ceacam1 Protein, His tagged

**Cat. No.** Ceacam1-3312M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Ceacam1 Protein (NP_001034274.1) (Met 1-Gly 428) was expressed in HEK293, with a polyhistidine tag at the C-terminus.                                                                                                        |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                          |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | Met 1-Gly 428                                                                                                                                                                                                                                  |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4<br>Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                                               |
| <b>Molecular Mass</b>   | 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. |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method                                                                                                                                                                                 |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE                                                                                                                                                                                                               |
| <b>Storage</b>          | This product is stable after storage at:<br>The product MUST be stored at -70°C or lower upon receipt;<br>-70°C for 3 months under sterile conditions.                                                                                         |

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**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**
**Gene Name**

[Ceacam1 carcinoembryonic antigen-related cell adhesion molecule 1 \[ Mus musculus \]](#)

**Official Symbol**

[Ceacam1](#)

**Synonyms**

CEACAM1; carcinoembryonic antigen-related cell adhesion molecule 1; BGP-1; MHV-R; biliary glycoprotein 1; biliary glycoprotein D; hepatitis virus receptor; carcinoembryonic antigen 1; carcinoembryonic antigen 7; murine hepatitis virus receptor; CEA-related cell adhesion molecule 1; hepatitis virus (MHV-4) susceptibility; Bgp; Cc1; Hv2; Bgp1; Cea1; Cea7; Hv-2; MHVR; bb-1; C-CAM; CD66a; Cea-1; Cea-7; MHVR1; Mhv-1; mCEA1; mmCGM1; mmCGM2; mmCGM1a;

**Gene ID**

[26365](#)

**mRNA Refseq**

[NM\\_001039185](#)

**Protein Refseq**

[NP\\_001034274](#)

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