

# Recombinant Mouse Ceacam1 Protein, Fc-tagged, Alexa Fluor 647 conjugated

**Cat. No.** Ceacam1-881MAF647    **Lot. No.** (See product label)

## SPECIFICATION

|                                     |   |
|-------------------------------------|---|
| <b>Product Overview</b>             | Alexa Fluor 647 conjugated recombinant mouse Ceacam1 (NP_001034274.1) (Met1-Gly428) was expressed with the Fc region of human IgG1 at the C-terminus. |
| <b>Species</b>                      | Mouse   |
| <b>Source</b>                       | HEK293  |
| <b>ProteinLength</b>                | 632   |
| <b>Form</b>                         | Lyophilized   |
| <b>Molecular Mass</b>               | 70.3 kDa  |
| <b>N-terminal Sequence Analysis</b> | Glu 35  |
| <b>Endotoxin</b>                    | < 1.0 EU/ µg of the protein as determined by the LAL method.  |
| <b>Purity</b>                       | > (49.6+39.9) % as determined by SDS-PAGE   |
| <b>Characteristic</b>               | Disulfide-linked homodimer<br>Labeled with Alexa Fluor 647 via amines<br>Excitation = 650 nm<br>Emission = 668 nm                                     |

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|                       |   |
|-----------------------|---|
| <b>Stability</b>      | Samples are stable for up to 12 months from date of receipt at -70 centigrade.  |
| <b>Storage</b>        | Store it under sterile conditions at -20 to-70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                      |
| <b>Storage Buffer</b> | Lyophilized from sterile PBS, pH 7.4, 5%-8% trehalose and mannitol.   |
| <b>Reconstitution</b> | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 µg/µL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents. |
| <b>Conjugation</b>    | Alexa Fluor 647   |

## GENE INFORMATION

|                        |   |
|------------------------|---|
| <b>Gene Name</b>       | <a href="#">Ceacam1 carcinoembryonic antigen-related cell adhesion molecule 1 [ Mus musculus ]</a>  |
| <b>Official Symbol</b> | <a href="#">Ceacam1</a>   |
| <b>Synonyms</b>        | 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-relate |
| <b>Gene ID</b>         | <a href="#">26365</a>   |
| <b>mRNA Refseq</b>     | <a href="#">NM_001039185</a>  |
| <b>Protein Refseq</b>  | <a href="#">NP_001034274</a>  |

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