

Recombinant Mouse Ceacam1 Protein, His-tagged, Alexa Fluor 647 conjugated

Cat. No. Ceacam1-3312MAF647 Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Alexa Fluor 647 conjugated recombinant Mouse Ceacam1 (NP_001034274.1) extracellular domain (Met 1-Gly 428), fused with a polyhistidine tag at the C-terminus, was produced in Human Cell. |
| Species | Mouse |
| Source | HEK293 |
| ProteinLength | 405 |
| Form | Lyophilized |
| 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. |
| Endotoxin | < 1.0 EU/ µg of the protein as determined by the LAL method. |
| Characteristic | Disulfide-linked homodimer Labeled with Alexa Fluor 647 via amines Excitation = 650 nm Emission = 668 nm |

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| Stability | Samples are stable for up to 12 months from date of receipt at -70 centigrade. |
| Storage | 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. |
| Storage Buffer | Lyophilized from sterile PBS, pH 7.4 |
| Reconstitution | It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents. |
| Conjugation | Alexa Fluor 647 |
| GENE INFORMATION | |
| Gene Name | Ceacam1 carcinoembryonic antigen-related cell adhesion molecule 1 [Mus musculus] |
| Official Symbol | Ceacam1 |
| Gene ID | 26365 |
| mRNA Refseq | NM_001039185 |
| Protein Refseq | NP_001034274 |

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