

Recombinant Rat Ceacam1 Protein, His-tagged, Alexa Fluor 488 conjugated

Cat. No. Ceacam1-8740RAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 488 conjugated recombinant Rat Ceacam1 (Met1-Ser422), fused with a polyhistidine tag at the C-terminus, was produced in Human Cell.
Species	Rat
Source	HEK293
ProteinLength	399
Form	Lyophilized
Molecular Mass	The recombinant rat CEACAM1 comprises 399 amino acids and predicts a molecular mass of 44.9 kDa. The apparent molecular mass of the recombinant protein is approximately 66-76 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU/ µg of the protein as determined by the LAL method.
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.

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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 a 0.2 µm filtered solution of 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 488

GENE INFORMATION

Gene Name	Ceacam1 carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein) [Rattus norvegicus]
Official Symbol	Ceacam1
Gene ID	81613
mRNA Refseq	NM_001033860
Protein Refseq	NP_001029032

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