

Recombinant Human CEACAM5 Protein, His-tagged, Alexa Fluor 488 conjugated

Cat. No. CEACAM5-3200HAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview Alexa Fluor 488 conjugated recombinant human CEACAM5 (NP_004354.2) mature form (Met 1-Ala 685), fused with a polyhistidine tag at the C-terminus, was produced in Human Cell.

Species Human

Source HEK293

ProteinLength 662

Form Lyophilized

Molecular Mass The secreted recombinant human CEACAM5 consists of 662 amino acids and has a predicted molecular mass of 72.8 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhCEACAM5 is approximately 100-110 kDa 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

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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 488 |

GENE INFORMATION

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|------------------------|--|
| Gene Name | CEACAM5 carcinoembryonic antigen-related cell adhesion molecule 5 [Homo sapiens] |
| Official Symbol | CEACAM5 |
| Gene ID | 1048 |
| mRNA Refseq | NM_004363 |
| Protein Refseq | NP_004354 |
| MIM | 114890 |
| UniProt ID | P06731 |

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