Recombinant Human CEACAM1 Protein, Fc/His-tagged, Alexa Fluor 488 conjugated

Cat. No. CEACAM1-663HAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 488 conjugated recombinant human CEACAM1 extracellular domain (NP_001020083.1) (Met 1-Gly 428), fused with the polyhistidine-tagged Fc region of human IgG1 at the C-terminus, was produced in Human Cell.
Species	Human
Source	HEK293
ProteinLength	642
Form	Lyophilized
Molecular Mass	The secreted recombinant human CEACAM1/Fc chimera is a disulfide-linked homodimer. The reduced monomer comprises 642 amino acids and predicts a molecular mass of 71 kDa. As a result of glycosylation, the apparent molecular mass of rhCEACAM1/Fc monomer is approximately 110-120 kDa in SDS-PAGE under reducing conditions.
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

Gene Name	CEACAM1 carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein) [Homo sapiens]
Official Symbol	CEACAM1
Gene ID	634
mRNA Refseq	NM_001024912
Protein Refseq	NP_001020083
MIM	109770
UniProt ID	P13688

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