

# Recombinant Human CEACAM5 Protein, Fc/His-tagged, Alexa Fluor 555 conjugated

**Cat. No.** CEACAM5-665HAF555    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Alexa Fluor 555 conjugated recombinant human CEACAM5 mature form (NP_004354.2) (Met 1-Ala 685), fused with the polyhistidine-tagged Fc region of human IgG1 at the C-terminus, was produced in Human Cell.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	899
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	The recombinant human CEACAM5/Fc is a disulfide-linked homodimer after removal of the signal peptide. The reduced monomer consists of 899 amino acids and has a predicted molecular mass of 99.4 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhCEACAM5/Fc monomer is approximately 160-180 kDa due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with Alexa Fluor 555 via amines With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard

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	TRITC/Cy3 filters.
<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
<b>Reconstitution</b>	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.
<b>Conjugation</b>	Alexa Fluor 555

## GENE INFORMATION

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

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