Recombinant Human CEACAM5 Protein, Fc/His-tagged, FITC conjugated

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

SPECIFICATION

Product Overview	FITC 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.
Species	Human
Source	HEK293
ProteinLength	899
Form	Lyophilized
Molecular Mass	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.
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Characteristic	Disulfide-linked homodimer Labeled with FITC via amines Excitation source: 488 nm spectral line, argon-ion laser Excitation Wavelength: 488 nm

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	Emission Wavelength: 535 nm
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	FITC

GENE INFORMATION

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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