

PRODUCT INFORMATION

Synonyms CEA; CD66e Description Recombinant human CEACAM5(589-685) Protein with C torminal human Fc tag	
Recombinant human CEACAM5(589-685) Protein	
with C-terminal human Fc tag	
Delivery In Stock	
Uniprot ID P06731	
Expression Host HEK293	
TagC-Human Fc tag	
Molecular CEACAM5(Val589-Ala685) hFc(Glu99-Ala330)	
Molecular Weight The protein has a predicted molecular mass of 36.3 kDa after removal of the signal peptide. The apparent molecular mass of CEACAM5(589-685)- hFc is approximately 35-55 kDa due to glycosylation.	
PurityThe purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.	
Formulation & ReconstitutionLyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.	
Storage & Shipping Storage & Shipping Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.	
BackgroundThis gene encodes a cell surface glycoprotein that represents the founding member of the carcinoembryonic antigen (CEA) family of proteins. The encoded protein is used as a clinical biomarker for gastrointestinal cancers and may promote tumor development through its role as a cell adhesion molecule. Additionally, the encoded protosis, and cell polarity. This gene is present in a CEA family gene cluster on chromosome 19. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2015]	
Usage Research use only	
Conjugate Unconjugated	

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Human CEACAM5(589-685) Protein, hFc Tag Cat. No. PME101497



Figure 1. Human CEACAM5(589-685) Protein, hFc Tag on SDS-PAGE under reducing condition.

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