

Active Recombinant Human CEACAM6 protein, Fc-tagged

Cat. No. CEACAM6-1308H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CEACAM6 protein(Lys 35 - Gly 320), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	35-320 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human CEACAM-8, His Tag at 5 µg/mL (100 µL/well) can bind Human CEACAM-6, Fc Tag with a linear range of 0.01-0.156 µg/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminusThe protein has a calculated MW of 57.7 kDa. The protein migrates as 75-90 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Lys35-Gly320
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
Storage	For long term, the product should be stored at lyophilized state at -20°C or

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lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name

CEACAM6 carcinoembryonic antigen-related cell adhesion molecule 6 (non-specific cross reacting antigen) [Homo sapiens]

Official Symbol

CEACAM6

Synonyms

CEACAM6; carcinoembryonic antigen-related cell adhesion molecule 6 (non-specific cross reacting antigen); NCA; carcinoembryonic antigen-related cell adhesion molecule 6; CD66c; normal cross-reacting antigen; non-specific crossreacting antigen; CEAL;

Gene ID

4680

mRNA Refseq

NM_002483

Protein Refseq

NP_002474

MIM

163980

UniProt ID

P40199

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