

## Active Recombinant Human CEACAM6 protein, His-tagged

Cat. No. CEACAM6-664H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Active Recombinant Human CEACAM6 protein(NP_002474.3) (Met 1-Gly 320) with a C-terminal polyhistidine tag was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-320 aa
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. Immobilized human CEACAM6-his at 10 µg/mL (100 µl/well) can bind biotinylated human CEACAM8-his, The EC50 of biotinylated human CEACAM8-his is 0.17 µg/mL.
<b>Molecular Mass</b>	The secreted recombinant human CEACAM6 comprises 297 amino acids with a predicted molecular mass of 32.6 kDa. As a result of glycosylation, rh CEACAM6 migrates as an approximately 45-55 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to

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aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

**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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