

# Recombinant human CD66c/CEACAM6 protein

Catalog Number: ATGP3376

## PRODUCT INFORMATION

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### Expression system

Baculovirus

### Domain

35-320aa

### UniProt No.

P40199

### NCBI Accession No.

NP\_002474.4

### Alternative Names

CEA cell adhesion molecule 6, Carcinoembryonic antigen-related cell adhesion molecule 6, Non-specific cross reacting antigen, NCA, CD66c

## PRODUCT SPECIFICATION

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### Molecular Weight

32.6 kDa (297aa)

### Concentration

1mg/ml (determined by absorbance at 280nm)

### Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

### Purity

> 95% by SDS-PAGE

### Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

CEACAM6, also known as Carcinoembryonic antigen-related cell adhesion molecule 6, belongs to the human carcino-embryonic antigen (CEA) family. It is a member of glycosylphosphatidylinositol-linked immunoglobulin superfamily that is implicated in a variety of human cancers. It is associated with the progression of pancreatic

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cancer. Recombinant human CEACAM6, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

## Amino acid Sequence

<ADPEF>KLTIE STPFNVAEGK EVLLLAHNLP QNRIGYSWYK GERVDGNSLI VGYVIGTQQA TPGPAYSGRE TIYPNASLLI QNVTQNDTGF YTLQVIKSDL VNEEATGQFH VYPELPKPSI SSNNSNPVED KDAVAFTCEP EVQNTTYLWW VNGQSLPVSP RLQLSNGNMT LTLLSVKRND AGSYECEIQN PASANRSDPV TLNVLYGPDV PTISPSKANY RPYGENLNLSC HAASNPPAQY SWFINGTFQQ STQELFIPNI TVNNSGSYMC QAHNSATGLN RTTVMITVS G<HHHHHH>

## General References

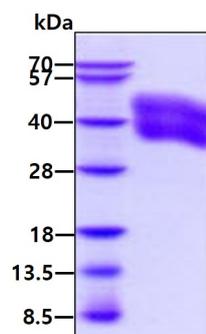
Yan L., et al. (2016) *Oncol Rep.* 35:418-426.

Zang M., et al. (2015) *Biochim Biophys Acta.* 1852:1020-1028.

Cheng TM., et al. (2014) *Eur J Cancer.* 50:713-721.

## DATA

### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.