Recombinant human CD66c/CEACAM6 protein

Catalog Number: ATGP3376

PRODUCT INFORMATION

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

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

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

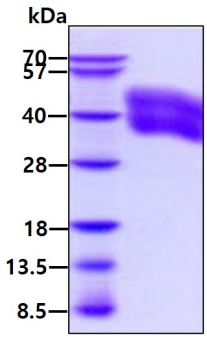
<ADPEF>KLTIE STPFNVAEGK EVLLLAHNLP QNRIGYSWYK GERVDGNSLI VGYVIGTQQA TPGPAYSGRE TIYPNASLLI QNVTQNDTGF YTLQVIKSDL VNEEATGQFH VYPELPKPSI SSNNSNPVED KDAVAFTCEP EVQNTTYLWW VNGQSLPVSP RLQLSNGNMT LTLLSVKRND AGSYECEIQN PASANRSDPV TLNVLYGPDV PTISPSKANY RPGENLNLSC HAASNPPAQY SWFINGTFQQ STQELFIPNI TVNNSGSYMC QAHNSATGLN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