

Datasheet for ABIN7529361

CEACAM5 Protein (AA 35-685) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	CEACAM5
Protein Characteristics:	AA 35-685
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CEACAM5 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	<p>KLTIESTPFN VAEGKEVLLL VHNLPQHLFG YSWYKGERVD GNRQIIGYVI GTQQATPGPA YSGREIYPN ASLLIQNIIQ NDTGFYTLHV IKSDLVNEEA TGQFRVYPEL PKPSSSNNNS KPVEDKDAVA FTCEPETQDA TYLWWVNNQS LPVSPRLQLS NGNRTLTLFN VTRNDTASYK CETQNPVSAR RSDSVILNVL YGPDAPTISP LNTSYRSGEN LNLSCHAASN PPAQYSWFVN GTFQQSTQEL FIPNITVNNS GSYTCQAHNS DTGLNRTTVT TITVYAEPK PFITSNNNSNP VEDEDAVALT CEPEIQNTTY LWWVNNQSLP VSPRLQLSND NRTLTLTLLSVT RNDVGPYECG IQNKLSVDHS DPVILNVLYG PDDPTISPSY TYRPGVNLS LSCHAASNPP AQYSWLIDGN IQQHTQELFI SNITEKNSGL YTCQANNSAS GHSRTTVKTI TVSAELPKPS ISSNNSKPVE DKDAVAFTCE PEAQNTTYLW WVNGQSLPVS PRLQLSNGNR TLTLFNVTRN DARAYVCGIQ NSVSANRSDP VTLDVLYGPD TPIISPPDSS YLSGANLNLS CHSASNPSQ YSWRINGIPQ QHTQVLFIAK ITPNNGTYA CFVSNLATGR NNSIVKSITV SASGTSPGLS ALEHHHHHHH</p>
Purity:	> 95 % by SDS - PAGE

Product Details

Endotoxin Level: < 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target: CEACAM5

Alternative Name: CEACAM5 ([CEACAM5 Products](#))

Background: CEACAM5, as known as carcinoembryonic antigen-related cell adhesion molecule 5, is the large CEACAM subfamily of immunoglobulin superfamily. This protein can mediate cell to cell adhesion through homotypic and heterotypic interactions. It is restricted to the apical face of intestinal epithelial cells in the adult but is more diffuse during embryonic development and in tumors. Also, it is upregulated in a wide variety of human tumors and is a commonly used cancer marker. Recombinant human CEACAM5, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 72.3kDa (659aa) 70-150kDa (SDS-PAGE under reducing conditions.)

NCBI Accession: [NP_004354](#)

UniProt: [P06731](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

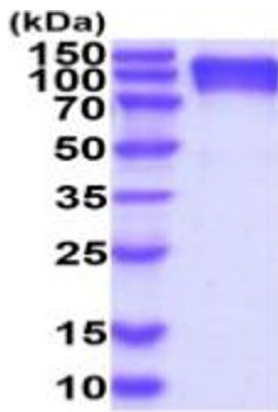
Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.