



[Go to Product page](#)

Datasheet for ABIN7534839
CEACAM5 Protein (His tag)

Overview

Quantity:	100 µg
Target:	CEACAM5
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CEACAM5 protein is labelled with His tag.

Product Details

Purpose:	Active Recombinant Human CEA/CD66e Protein
Sequence:	KLTIESTPFN VAEGKEVLLL VHNLPQHLFG YSWYKGERVD GNRQIIGYVI GTQQATPGPA YSGREIYPN ASLLIQNIIQ NDTGFYTLHV IKSDLVNEEA TGQFRVPEL PKPSSSNNNS KPVEDKDAVA FTCEPETQDA TYLWWVNNQS LPVSPRLQLS NGNRTLTLFN VTRNDTASYK CETQNPVSAR RSDSVILNVL YGPDAPTISP LNTSYRSGEN LNLSCHAASN PPAQYSWFVN GTFQQSTQEL FIPNITVNS GSYTCQAHNS DTGLNRTTVT TITVYAEPK PFITSNNSNP VEDEDAVALT CEPEIQNTTY LWWVNNQSLP VSPRLQLSND NRTLTLTLLSVT RNDVGPYECG IQNKLSVDHS DPVILNVLYG PDDPTISPSY TYRPGVNLS LSCHAASNPP AQYSWLIDGN IQQHTQELFI SNITEKNLGL YTCQANNSAS GHSRTTVKTI TVSAELPKPS ISSNNSKPVE DKDAVAFTCE PEAQNTTYLW WVGQSLPVS PRLQLSNGNR TLTLFNVTRN DARAYVCGIQ NSVSANRSDP VTLDVLYGPD TPIISPPDSS YLSGANLNLS CHSASNPSQP YSWRINGIPQ QHTQVLFIAK ITPNNGTYA CFVSNLATGR NNSIVKSITV SASGTSPGLS A
Specificity:	Lys35-Ala685

Product Details

Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human CEACAM5 at 5 µg/mL (100 µL/well) can bind Recombinant Human CEACAM8 with a linear range of 0.5-3 µg/mL.

Target Details

Target:	CEACAM5
Alternative Name:	CEA/CD66e (CEACAM5 Products)
Background:	CEACAM5,CD66e,CEA
Gene ID:	1048
UniProt:	P06731

Application Details

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.