



Recombinant Human Cell adhesion molecule CEACAM5 (CEACAM5) (E398K), Biotinylated

Product Code	CSB-MP005165HU(M)-B
Abbreviation	Recombinant Human CEACAM5 protein (E398K), Biotinylated
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P06731
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Product Type	Recombinant Human Cell adhesion molecule CEACAM5 (CEACAM5) (E398K), Biotinylated
Immunogen Species	Homo sapiens (Human)
Sensitivity	Not Test
Purity	Greater than 95% as determined by SDS-PAGE. Greater than 95% as determined by SEC-HPLC.
Sequence	KLTIESTPFNVAEGKEVLLL VHNLPQH LFGYSWYKGERVDG NRQIIGYVIGTQQ ATPGPAYSGREIIPNASLLIQNIIQNDTG FYTLHVIKSDLVNEEATGQFRVYPEL PKPSSISSNSKPVEDKDAVAFTCEPETQDATYLWVWNNQSLPVS PRLQLSNG NRTLTLFNVTRNDTASYKCETQNPVSARRSDSVILNVLYGPDAPTISPLNTSYR SGENLNLSCHAASNPPAQYSW FVNGTFQQSTQELFIPNITVNNSGSYTCQAH NSDTGLNR TTVTTITVYAEPKPFITSNNSNPVEDEDAVALTCEPEIQNTTYLW WVNNQSLPVS PRLQLSNDNRTL TLLSVTRNDVGPYECGIQNKLSVDHSDPVIL NVLYGPDPTISPSYTYRPGVNLSLSCHAASNPPAQY SWLIDGNIQQHTQEL FISNITEKNSGLYTCQANNSASGHSRTTVKTITVSAELPKPSSISSNSKPVEDKD AVAFTCEPEAQNTTYLWVWNGQSLPVS PRLQLSNGNRTLTLFNVTRNDARAY VCGIQNSVSANRSDPVTL DVLYGPDTP IISPPDSSYLSGANLNLSCHSASNPSP QYSWRINGIPQQHTQVLFIAKITPNNNGTYACFVSNLATGRNNSIVKSITVSASG TSPGLSA
Research Area	Cancer
Source	Mammalian cell
Target Names	CEACAM5
Expression Region	35-685aa(E398K)
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

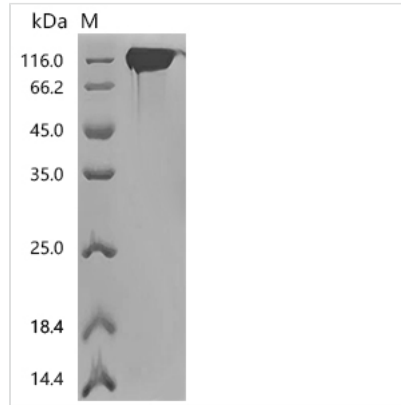


Tag Info C-terminal 10xHis-Avi-tagged

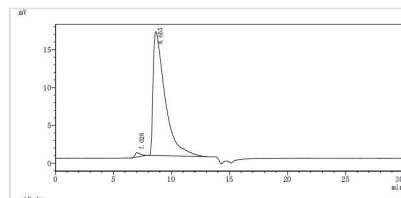
Mol. Weight 76.2 kDa

Protein Length Full Length of Mature Protein

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



The purity of CEACAM5 was greater than 95% as determined by SEC-HPLC

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.