

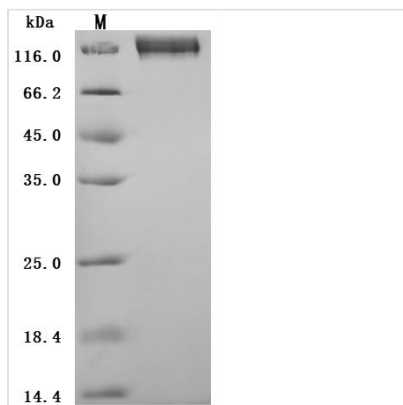


Recombinant Human Carcinoembryonic antigen-related cell adhesion molecule 5 (CEACAM5) (E398K) (Active)

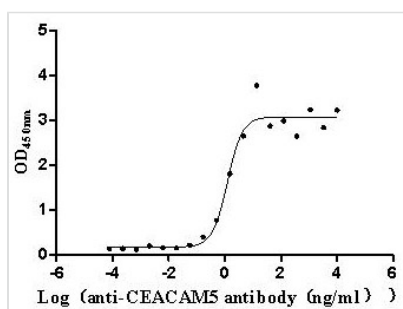
Product Code	CSB-MP005165HU
Abbreviation	Recombinant Human CEACAM5 protein (E398K) (Active)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P06731
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Human CEACAM5 at 2µg/mL can bind Anti-CEACAM5 recombinant antibody (CSB-RA005165MA1HU), the EC50 is 0.8955-1.719 ng/mL.
Purity	Greater than 95% as determined by SDS-PAGE.
Sequence	KLTIESTPFNVAEGKEVLLL VHNLPQH LFGYSWYKGERVDGNRQIIGYVIGTQQ ATPGPAYSGREIYPNASLLIQNIIQNDTG FYTLHVIKSDLVNEEATGQFRVYPEL PKPSSNN SKPVEDKDAVAFTCEPETQDATYLWVNNQSLPVS PRLQLSNG NRTLTLFNVTRNDTASYKCETQNPVSARRSDSVILNVLYGPDAPTISPLNTSYR SGENLNL SCHAASNPPAQYSWVNGTFQQSTQELFIPNITVNNSGSYTCQAH NSDTGLNRTTVTTITVYAEPKPFITSNNSNPVEDEDAVALTCEPEIQNTTYLW WVNNQSLPVS PRLQLSNDNRTL TLLSVTRNDVGPYECGIQNKLSVDHSDPVIL NVLYGPD DPTISPSYTYRPGVNL SLSCHAASNPPAQYSWLIDGNIQQHTQEL FISNITEKNSGLYTCQANNSASGHSRTTVKTITVSAELPKPSSNN SKPVEDKD AVAFTCEPEAQNTTYLWVNGQSLPVS PRLQLSNGNRTLTLFNVTRNDARAY VCGIQNSVSANRSDPVTL DVLYGPDTP IISPPDSSYLSGANLNL SCSASNPSP 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-tagged
Mol. Weight	74.1 kDa
Protein Length	Full Length of Mature Protein

Image


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



Activity
 Measured by its binding ability in a functional ELISA. Immobilized Human CEACAM5 at 2 μ g/mL can bind Anti-CEACAM5 recombinant antibody (CSB-RA005165MA1HU), the EC₅₀ is 0.8955-1.719 ng/mL.

Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
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.