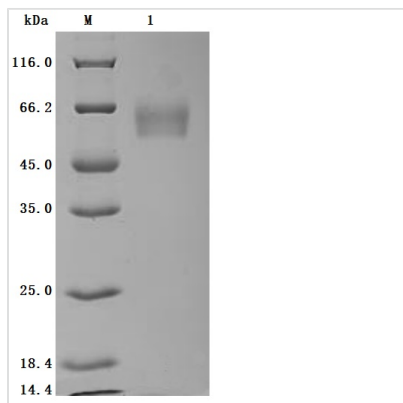


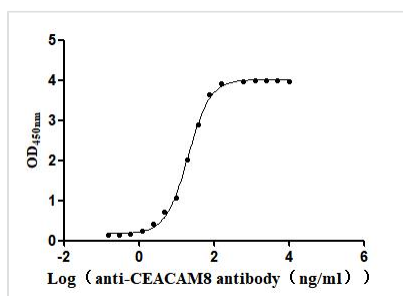


Recombinant Human Carcinoembryonic antigen-related cell adhesion molecule 8(CEACAM8) (Active)

Product Code	CSB-MP005168HU
Abbreviation	Recombinant Human CEACAM8 protein (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.	P31997
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 CEACAM8 at 2 µg/mL can bind Anti-CEACAM8 recombinant antibody (CSB-RA005168MA1HU). The EC50 is 19.38-21.68 ng/mL.
Purity	Greater than 95% as determined by SDS-PAGE.
Sequence	QLTIEAVPSNAAEGKEVLLL VHNL PQDPRGYNWYKGETVDANRRRIIGYVISNQQ ITPGPAYSNRETIYPNASLLMRNVTRNDTGSYTLQVIKLNLMSEEVTGQFSVHP ETPKPSISSNNSNPVEDKDAVAFTCEPETQNTTYLWWWVNGQSLPVSRLQLS NGNRTLTL SVTRNDVGPYECEIQNPASANFSDPVTNLVLYGPDAPTISPSTY YHAGVNLNLSCHAASNPPSQYSWSVNGTFQQYTQKLFIPNITTKNSGSYACHT TNSATGRNRRTTVRMITVSD
Source	Mammalian cell
Target Names	CEACAM8
Expression Region	35-320aa
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	34.3 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 CEACAM8 at 2 μ g/mL can bind Anti-CEACAM8 recombinant antibody (CSB-RA005168MA1HU)?the EC₅₀ is 19.38-21.68 ng/mL.

Endotoxin

Less than 1.0 EU/ μ g 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.