



# Recombinant *Macaca mulatta* Carcinoembryonic antigen-related cell adhesion molecule 5(CEACAM5),partial (Active)

<b>Product Code</b>	CSB-MP5152MOW
<b>Abbreviation</b>	Recombinant Rhesus macaque CEACAM5 protein, partial (Active)
<b>Storage</b>	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.
<b>Uniprot No.</b>	XP_005589491.1
<b>Form</b>	Lyophilized powder
<b>Storage Buffer</b>	Lyophilized from a 0.2 μm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Macaca mulatta</i> (Rhesus macaque)
<b>Biological Activity</b>	Measured by its binding ability in a functional ELISA. Immobilized Cynomolgus CEACAM5 at 2μg/mL can bind Anti-CEACAM5 recombinant antibody (CSB-RA005165MA4HU). The EC50 is 3.572-4.044 ng/mL.
<b>Purity</b>	Greater than 95% as determined by SDS-PAGE. Greater than 95% as determined by SEC-HPLC.
<b>Sequence</b>	MGSPSAPLHRWCIPWQTLTLLTASLLTFWNPPTTAQLTIESRPFNVAEGKEVLLL AHNVSQLNLFYIWIYKGERVDASRRIGSCVIRTQQITPGPAHSGRETIDFNASLL IHNVTQSDTGSYTIQVIKEDLVNEEATGQFRVYPELPKPYISSNNSNPVEDKDA VALTCEPETQDTTYLWWWVNNQSLPVSRLSSDNRTLTVFNIPRNDTTSYKC ETQNPVSVRRSDPVTNLVLYGPDAPTISPLNTPYRAGENLNLSCHAASNPTAQ YFWFVNGTFQQSTQELFIPNITVNNSGSYMCAHNSATGLNRTTVAITVYAE PKPYITSNNSNPIEDKDAVTLTCEPETQDTTYLWWWVNNQSLSVSSRLELSDN RTLTVFNIPRNDTTFYECETQNPVSVRRSDPVTNLVLYGPDAPTISPLNTPYRA GENLNLSCHAASNPAQYSWFVNGTFQQSTQELFIPNITVNNSGSYMCAHN SATGLNRTTVAITVYVELPKPYISSNNSNPIEDKDAVTLTCEPVAENTTYLWW VNNQSLSVSPRLQLSNGNRILTLLSVTRNDTGPYECGIQNSESAKRSDPVTLN VTYGPDTPIISPPDLSYRSGANLNLSCHSDSNPSPQYSWLINGTLRQHTQVLF SKITSNNNGAYACFVSNLATGRNNSIVKNISVSSGDSAPGSSG
<b>Source</b>	Mammalian cell
<b>Target Names</b>	CEACAM5
<b>Expression Region</b>	1-685aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

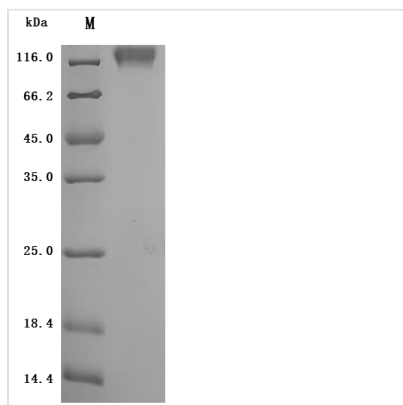


**Tag Info** C-terminal 10xHis-tagged

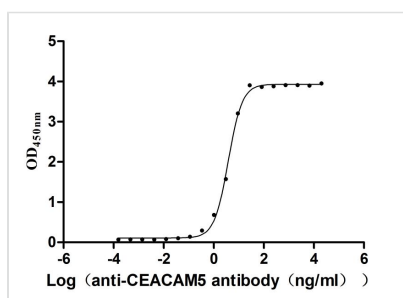
**Mol. Weight** 76.9 kDa

**Protein Length** Partial

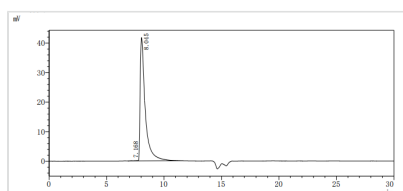
**Image**



(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 Cynomolgus CEACAM5 at 2µg/ml can bind Anti-CEACAM5 recombinant antibody (CSB-RA005165MA4HU). The EC<sub>50</sub> is 3.572-4.044 ng/mL.



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

**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.