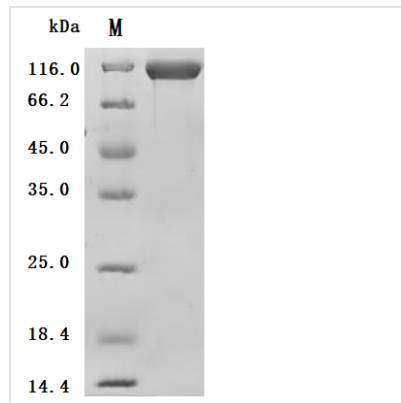


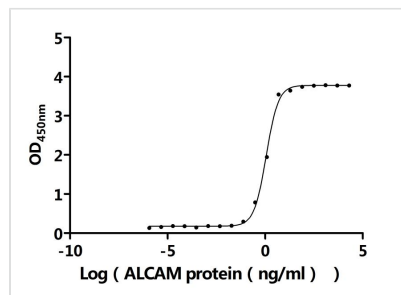


# Recombinant Human CD166 antigen (ALCAM), partial (Active)

<b>Product Code</b>	CSB-MP614444HU1
<b>Abbreviation</b>	Recombinant Human ALCAM 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?/-80?. The shelf life of lyophilized form is 12 months at -20?/-80?.
<b>Uniprot No.</b>	Q13740
<b>Form</b>	Lyophilized powder
<b>Storage Buffer</b>	Lyophilized from a 0.2 μm sterile filtered PBS, 6% Trehalose, pH 7.4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Biological Activity</b>	Measured by its binding ability in a functional ELISA. Immobilized Human CD6 (CSB-MP326953HU) at 2 μg/mL can bind Human ALCAM. The EC50 is 1.049-1.226 ng/mL.
<b>Purity</b>	≥ 95% as determined by SDS-PAGE.
<b>Sequence</b>	WYTVNSAYGDTIIIPCRLDVPQNL MFGKWKYEKPDGSPVFI AFRSSTKKS VQY DDVPEYK DRLNLS ENYTL SISRIS DEKRFV CMLVTE DNVFEA PTIVK VFKQP SKPEIVSK ALFLETE QLK KLGDC ISEDS YPDGNIT WYRNGK V LHPLEG AVV IIFK KEMDPVT QLYTMT STLEYK TTKADI QMPFT CSVTYY GPSGQK TIHSEQ AVFDIY YPTEQVT IQVLP PKNAI KEGDNIT LKCLG NGNPP PEEFL FYLPGQ PEGIR SSNTY TLT D VRRNAT GDYKCS LIDKKS MIASTAIT VHYLD LSLNPS GEVTR QIGDAL PVS CTISAS RNATV VWMKDN IRLRSS PFS S LHYQDAG NYVCETAL QEVEGL K KRE SLTLIVE GK PQIKMT KKTDP SGLSK TIICH VEGFPK PAIQWTIT GSGSVINQ TEES PYINGR YYSK IISPEENV TLCTAENQLERT VNLSL NVSAISIPEHDEADEISDEN REKVNDQA
<b>Source</b>	Mammalian cell
<b>Target Names</b>	ALCAM
<b>Expression Region</b>	28-526aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4? for up to one week.
<b>Tag Info</b>	C-terminal mFc2a-tagged
<b>Mol. Weight</b>	85.3 kDa
<b>Protein Length</b>	Partial
<b>Image</b>	



(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 CD6 (CSB-MP326953HU) at 2  $\mu$ g/ml can bind Human ALCAM. The  $EC_{50}$  is 1.049-1.226 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.