



Recombinant human CD166 antigen protein

Product Code	CSB-EP102074h-B
Relevance	Cell adhesion molecule that binds to CD6. Involved in neurite extension by neurons via heterophilic and homophilic interactions. May play a role in the binding of T- and B-cells to activated leukocytes, as well as in interactions between cells of the nervous system.
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.	Q13740
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	WYTVNSAYGDTIIIPCRLDVPQNL MFGKWKYEKPDGSPVFI AFRSSTKKS VQY DDVPEYKDR LNLSEN YTLSISNARISDEKRFVCM LVTEDNVFEAPTIVK VFKQP SKPEIVSKALFLETEQLK KLGDCISEDSPDGNITWYRNGKVLHPLEGAVV IIFK KEMDPVTQLYTMTSTLEYKTTKADIQMPFTCSVTYYGPSGQKTIHSEQAVFDIY YPTEQVTIQVLP PKNAIKEGDNITLKCLGNGNPPPEEFLFYLP GQPEGIRSSNTY TLTDVRRNATGDYKCSLIDKKS MIASAITVHYLDLSLNP SGEVTRQIGDALPVS CTISASRNATV VWMKDNIRLRSSPSFSSLHYQDAGNYVCETALQEVEGLK KRE SLTLIVEGKPKIQIKMTKKTDP SGLSKTIICHVEGF PKPAIQWTITGSGSVINQTEES PYINGRYYSKIIISPEENVTLTCTAENQLERTVNSLNVSAIS IPEHDEADEISD
Research Area	Cell Adhesion
Source	E.coli
Target Names	ALCAM
Expression Region	28-516aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
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.