



# Recombinant human CD166 antigen protein

<b>Product Code</b>	CSB-YP102074h
<b>Relevance</b>	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.
<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>	Q13740
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	WYTVNSAYGDTIIIPCRLDVPQNL MFGKWKYEKPDGSPVFI AFRSSTKKS VQY DDVPEYKDR LNLSEN YTLSISNARISDEKRFVCM LVTEDNVFEAPTIVK VFKQP SKPEIVSKALFLETEQLK KLGDCISEDSPDGNITWYRNGKVLHPLEGAVVIIFK KEMDPVTQLYTMTSTLEYKTTKADIQMPFTCSVTYYGPSGQKTIHSEQAVFDIY YPTEQVTIQVLP PKNAIKEGDNITLKCLGNGNPPPEEFLFYLP GQPEGIRSSNTY TLTDVRRNATGDYKCSLIDKKS MIASAITVHYLDLSLNPSGEVTRQIGDALPVS CTISASRNATV VWMKDNIRLRSSPSFSSLHYQDAGNYVCETALQEVEGLKKRE SLTLIVEGKPKIQIKMTKKTDP SGLSKTIICHVEGFPKPAIQWTITGSGSVINQTEES PYINGRYYSKIIISPEENVTLTCTAENQLERTVNSLNVSAISIP EHD EADEISD
<b>Research Area</b>	Cell Adhesion
<b>Source</b>	Yeast
<b>Target Names</b>	ALCAM
<b>Expression Region</b>	28-516aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.
<b>Shelf Life</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.