

CD166 antigen (ALCAM) Recombinant Protein | ALCAM recombinant protein

Recombinant Human CD166 antigen (ALCAM)

CATALOG # AAA116716	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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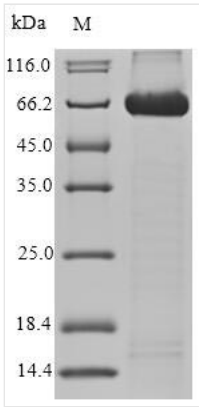
PRODUCT SYNONYMS

CD166 antigen (ALCAM); Recombinant Human CD166 antigen (ALCAM); CD166 antigen; Activated leukocyte cell adhesion molecule; CD_antigen=; CD166; ALCAM recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	28-516aa; Partial
Sequence	WYTVNSAYGD TIIIPCRLDV PQNLMFGKWK YEKPDGSPVF IAFRSSTKKS VQYDDVPEYK DRLNLSENYT LSISNARISD EKRFVCMMLVT EDNVFEPTI VKVFKQPSKP EIVSKALFLE TEQLKKLGDC ISEDSYPDGN ITWYRNGKVL HPLEGAVVII FKKEMDPVTQ LYTMTSTLEY KTTKADIQMP FTCSVTYYGP SGQKTIHSEQ AVFDIYYPT E QVTIQVLPPK NAIKEGDNIT LKCLGNGNPP PEEFLFYLPQ PPEGIRSSNT YTLTDVRRNA TGDYKCSLID KKSMIATAI TVHYLDLSLN PSGEVTRQIG DALPVSTIS ASRNATVVWM KDNIRLRSSP SFSSLHYQDA GNYVCETALQ EVEGLKKRES LTLIVEGKPQ IKMTKKTDPG GLSKTIICHV EGFPKPAIQW TITGSGSVIN QTEESPYING RYYSKIIISP EENVTLTCTA ENQLERTVNS LNVSAISIPE HDEADEISD
Sequence Length	516
Species	Homo sapiens (Human)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ALCAM recombinant protein	Cell adhesion molecule that mediates both heterotypic cell-cell contacts via its interaction with CD6, as well as homotypic cell-cell contacts. Promotes T-cell activation and proliferation via its interactions with CD6. Contributes to the formation and maturation of the immunological synapse via its interactions with CD6. Mediates homotypic interactions with cells that express ALCAM. Required for normal hematopoietic stem cell engraftment in the bone marrow. Mediates attachment of dendritic cells onto endothelial cells via homotypic interaction. Inhibits endothelial cell migration and promotes endothelial tube formation via homotypic interactions. Required for normal organization of the lymph vessel network. Required for normal hematopoietic stem cell engraftment in the bone marrow. Plays a role in hematopoiesis; required for normal numbers of hematopoietic stem cells in bone marrow. Promotes in vitro osteoblast proliferation and differentiation. Promotes neurite extension, axon growth and axon guidance; axons grow preferentially on surfaces that contain ALCAM. Mediates outgrowth and pathfinding for retinal ganglion cell axons
Product Categories/Family for ALCAM recombinant protein	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	343168770
NCBI GeneID	214
NCBI Accession #	NP_001230209.1
NCBI GenBank Nucleotide #	NM_001243280.1
UniProt Accession #	Q13740; O60892; Q1HGM8; Q1HGM9; Q6PEY4; Q6ZS95; B2RNS3; B4DTU0
Molecular Weight	70.8 kDa
NCBI Official Full Name	CD166 antigen isoform 2
NCBI Official Synonym Full Names	activated leukocyte cell adhesion molecule
NCBI Official Symbol	ALCAM
NCBI Official Synonym Symbols	MEMD; CD166
NCBI Protein Information	CD166 antigen
UniProt Protein Name	CD166 antigen
UniProt Gene Name	ALCAM
UniProt Synonym Gene Names	MEMD
UniProt Entry Name	CD166_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/alcam-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116716>