

Carcinoembryonic antigen-related cell adhesion molecule 5(CEACAM5) Active Protein | CEACAM5 active protein

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

CATALOG # AAA279375	HOST Mammalian Cell
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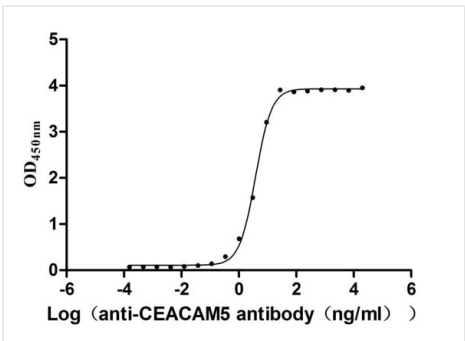
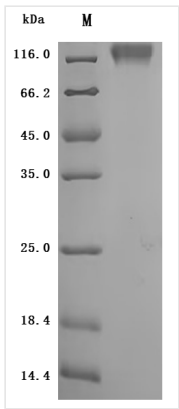
PRODUCT SYNONYMS

Carcinoembryonic antigen-related cell adhesion molecule 5(CEACAM5); Recombinant Macaca mulatta Carcinoembryonic antigen-related cell adhesion molecule 5(CEACAM5); partial (Active); CEACAM5 active protein

PRODUCT SPECIFICATIONS

Host	Mammalian Cell
Purity/Purification	Greater than 95% as determined by SDS-PAGE.
Form/Format	Lyophilized powder; Lyophilized from a 0.2um filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
Sequence	MGSPSAPLHR WCIPWQTLTL TASLLTFWNP PTTAQLTIES RPFNVAEGKE VLLLAHNVSQ NLFGYIWYKG ERVDASRRIG SCVIRTQQIT PGPAHSGRET IDFNASLLIH NVTQSDTGSY TIQVIKEDLV NEEATGQFRV YPELPKPYIS SNNSNPVEDK DAVALTCEPE TQDTTYLWWV NNQSLPVSPR LELSSDNRTL TVFNIPRNDT TSYKCETQNP VSVRRSDPVT LNVLYGPDAP TISPLNTPYR AGENLNLSCH AASNPTAQYF WFNVTGTFQQS TQELFIPNIT VNNSGSMYCQ AHNSATGLNR TTVTAITVYA ELPKPYITSN NSNPIEDKDA VTLTCEPETQ DTTYLWWVNN QSLSVSSRLE LSNDNRTLTV FNIPRNDTTF YECETQNPVS VRRSDPVTLN VLYGPDAPTI SPLNTPYRAG ENLNLSCHAA SNPAAQYSWF VNGTFQQSTQ ELFIPNITVN NSGSMYCQAH NSATGLNRTT VTAITVYVEL PKPYISSNNS NPIEDKDAVT LTCEPVAENT TYLWWWNNQS LSVSPRLQLS NGNRILTLLS VTRNDTGPEY CGIQNSAK RSDPVTNVT YGPDTPISP PDLSTYRSGAN LNLSDHSDSN PSPQYSWLIN GTLRQHTQVL FISKITSNNN GAYACFVSNL ATGRNNSIVK NISVSSGDSA PGSSG
Sequence Length	1-685aa; Partial
Species	Macaca mulatta (Rhesus macaque)
Tag	C-terminal 10xHis-tagged
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Cynomolgus CEACAM5 at 2ug/mL can bind Anti-CEACAM5 recombinant antibody . The EC50 is 3.572-4.044ng/mL.
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 degree C/-80 degree C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Preparation and 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 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C. Notes: Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

IMAGES



Activity

SDS-PAGE
Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

ADDITIONAL INFORMATION

Product Categories/Family for CEACAM5 active protein	Cancer
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NCBI AND UNIPROT INFORMATION

Molecular Weight	76.9kDa
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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://stage.aaabiotech.com/mammalian-cell-active-protein/carcinoembryonic-antigen-related-cell-adhesion-molecule-5-ceacam5/279375>