

Recombinant Human ALCAM Protein, Fc-tagged

Cat. No. ALCAM-089H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ALCAM protein with Fc tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	583
Description	This gene encodes activated leukocyte cell adhesion molecule (ALCAM), also known as CD166 (cluster of differentiation 166), which is a member of a subfamily of immunoglobulin receptors with five immunoglobulin-like domains (VVC2C2C2) in the extracellular domain. This protein binds to T-cell differentiation antigene CD6, and is implicated in the processes of cell adhesion and migration. Multiple alternatively spliced transcript variants encoding different isoforms have been found.
Form	Lyophilized
Molecular Mass	82.6 kDa
AA Sequence	MESKGASSCRLLFCLLISATVFRPGLGWYTVNSAYGDTIIIPCRLDVPQNL MFGKWK YEKPDGSPVFIAFRSSTKKSQYDDVPEYKDRLNLSENYTLNISNARISDEKRFVCML VTEDNVFEAPTIVKVFKQPSKPEIVSKALFLETEQLKKLGDCISEDSPDGNITWYRN GKVLHPLEGAVVIIFKKEMDPVTQLYTMSTLEYKTTKADIQMPFTCSVTYYGPSGQK TIHSEQAVFDIYYPTQVTIQVLPPKNAIKEGDNITLKLGNPNPPPEEFLFYLPQGPE GIRSSNTYTLTDVRRNATGDYKCSLIDKKSMIASTAITVHYLDLSLNPSGEVTRQIGDA

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LPVSCTISASRNATVWMKDNIRLRSSPSFSSLHYQDAGNYVCETALQEVEGLKKRE
SLTLIVEGKPQIKMTKKTDPSGLSKTIICHVEGFPAIQWTITGSGSVINQTEESPYIN
GRYYSKIIISPEENVTLTCTAENQLERTVNSLNVSAISIPEHDEADEISDENREKVNDQ
AKLIVGIVVGLLLAALVAGVVYWLYMKKSKTASKHVNKDLGNMEENKKLEENNHKTE
A

Purity > 98%

Applications WB; ELISA; FACS; FC

Stability This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.

Storage At -20 centigrade.

Concentration 1 mg/mL

Storage Buffer PBS (pH 7.4-7.5). Sterile-filtered colorless solution.

Reconstitution Reconstitute in sterile distilled H₂O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name [ALCAM activated leukocyte cell adhesion molecule \[Homo sapiens \(human\) \]](#)

Official Symbol [ALCAM](#)

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Synonyms	ALCAM; activated leukocyte cell adhesion molecule; activated leucocyte cell adhesion molecule; CD166 antigen; CD166; MEMD; FLJ38514; MGC71733;
Gene ID	214
mRNA Refseq	NM_001243280
Protein Refseq	NP_001230209
MIM	601662
UniProt ID	Q13740

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