

## Recombinant Human ALCAM Protein, Fc-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant human ALCAM protein with Fc tag was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	583
<b>Description</b>	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 antigen CD6, and is implicated in the processes of cell adhesion and migration. Multiple alternatively spliced transcript variants encoding different isoforms have been found.
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	82.6 kDa
<b>AA Sequence</b>	MESKGASSCRLLFCLLISATVFRPGLGWYTVNSAYGDTIIIPCRLDVPQNL MFGKWK YEKPDGSPVFIAFRSSTKKSQYDDVPEYKDRLNLSNYTLNISNARISDEKRFVCM VTEDNVFEAPTIVKVFQPSKPEIVSKALFLETEQLKKGDCISEDSPDGNITWYRN GKVLHPLEGAVVIIFKKEMDPVTQLYTMSTLEYKTTKADIQMPFTCSVTYYGPSGQK TIHSEQAVFDIYYPTEQVTIQVLPPKNAIKEGDNITLKLGNPNPPEEFLFYLPQGPE GIRSSNTYTLTDVRRNATGDYKCSLIDKKSMASTAITVHYLDLSLNPSGEVTRQIGDA

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LPVSCTISASRNATVVWMKDNIRLRSSPSFSSLHYQDAGNYVCETALQEVEGLKKRE  
SLTLIVEGKPKQIKMTKKTDPSGLSKTIICHVEGFPPKPAIQWTITGSGSVINQTEESPYIN  
GRYYSKIIISPEENVTLTCTAENQLERTVNSLNVSAISIPHEHDEADEISDENREKVNDQ  
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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<b>Synonyms</b>	ALCAM; activated leukocyte cell adhesion molecule; activated leucocyte cell adhesion molecule; CD166 antigen; CD166; MEMD; FLJ38514; MGC71733;
<b>Gene ID</b>	214
<b>mRNA Refseq</b>	NM_001243280
<b>Protein Refseq</b>	NP_001230209
<b>MIM</b>	601662
<b>UniProt ID</b>	Q13740

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