

Product Data Sheet

Recombinant Mouse ALCAM Protein

Catalog #	Source	Reactivity	Applications
CRP1036	Human cells	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse ALCAM Protein is produced by our mammalian expression system and the target gene encoding Trp28-Lys527 is expressed with a Fc tag at the C-terminus.		
Form	Lyophilized from a 0.2 μM filtered solution of PBS, pH 7.4.		
Gene Symbol	ALCAM		
Alternative Names	MEMD; CD166 antigen; Activated leukocyte cell adhesion molecule; CD166		
Entrez Gene	11658 (Mouse)		
SwissProt	Q61490 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	CRTSECCFQD PPYPDADSGS ASGPRDLRCY RISSDRYECS WQYEGPTAGV SHFLRCCLSS GRCCYFAAGS ATRLQFSDQA GVSVLYTVTL WVESWARNQT EKSPEVTLQL YNSVKYEPPL GDIKVSCLAG QLRMEWETPD NQVGAEVQFR HRTSPSPWKL GDCGPQDDDT ESCLCPLMN VAQEFQLRRR QLGSQGSSWS KWSSPVCVPP ENPPQPQVRF SVEQLGQDGR RRLTLKEQPT QLELPEGCQG LAPGTEVTYR LQLHMLSCPC KAKATRTLHL GKMPYLSGAA YNVAVISSNQ FGPGLNQTDH IPADTHTEPV ALNISVGTNG TTMYWPARAQ SMTYCIWQP VGQDGGGLATC SLTAPQDPDP AGMATYSWSR ESGAMGQEK YITIFASAH PEKLTWSTV LSTYHFGGNA SAAGTPHHVS VKNHSLDSVS VDWAPSLST CPGVLKEYVV RCRDEDSKQV SEHPVQPTET QVTLSGLRAG VAYTVQVRAD TAWLRGVWSQ PQRFSIEVDD IEGRMDEPKS CDKTHTCPPC PAPELLGGPS VFLFPPKPKD TLMISRTPEV TCVVVDVSHE DPEVKFNWYV DGVEVHNAKT KPREEQYNST YRVVSVLTVL HQDWLNGKEY KCKVSNKALP APIEKTISKA KGQPREPQVY TLPPSREEMT KNQVSLTCLV		
Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish			

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KGFYPSDIAV EWESNGQPEN NYKTTTPVLD SDGSFFLYSK LTVDKSRWQQ GNVFSCSVMH
EALHNHYTQK SLSLSPGK

Quality Control

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

Directions for Use

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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