

Bioactive

Alcam (Mouse) Recombinant Protein

Catalog # P9615

Size 2 x 10 ug

Specification

Product Description

Mouse Alcam (Q61490, 28 a.a. - 527 a.a.) partial recombinant protein with hlgG-His tag at C-terminus expressed in Sf9 cells.

Sequence

WYTVNSAYGDTVMPCRLDVPQNL MFGWKY EKP DGSPVFI AFRSSTK KSVQYDDVPEYKDRLS
LSENYTL SIANAKISDEKRFV CMLVTE DNVFEAP TLVKVFKQPSKPEV NKAPFLET DQLKKLGDCI
SRDSYPDGNITWYRNGKVLQPVEGEVAILFKKEIDPGTQLYTVTSSLEYKTTRSDIQMPFTCSVTYY
GPSGQKTYSEQEIFDIYPTEQVTIQVLPPKNAIKEGDNIT_x005F_x005F_x005F_x000D_x005F_
x000D_x000D_LQCLGNGNPPPEEFMFYLPQGPEGIRSSNTYTLTDVRRNATGDYKCSLIDKRNM
AASTTITVHYLDLSLNPSGEVTKQIGDTLPV SCTISASRNATV VWMKDNIRLRSSPSFSSLHYQDAG
NYVCETALQEVEGLKKRESLTLMEGKPQIKMTKKTDP SGLSKTIICHVEGF PKPAIHWITITSGSVI
NQTEESPYNGRYYSKIIISPEENVTLTCTAENQLERTVNSLNVSAISIPE_x005F_x005F_x005F_x00
0D_x005F_x000D_x000D_HDEADDISDENREKVNDQAKLEPKSCDKTHTCPPCPAPELLGG
PSVFLFPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYR
VVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLT
CLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSKLTVDKSRWQQGNV FSCSVMH
EALHNHYTQKSLSLSPGKHHHHHH

Host

insect

Theoretical MW (kDa)

83.09999999999998

Form

Liquid

Preparation Method

Sf9 cell expression system

Purity

> 90.0% by SDS-PAGE

Activity

Measured by the ability to block the adhesion of Jurkat human acute T cell leukemia cells to immobilized Recombinant Human CD6. When cells are added to 1 ug/mL of mouse ALCAM binded to CD6, this effect is more to 50%.

Recommend Usage

Biological Activity
SDS-PAGE
The optimal working dilution should be determined by the end user.

Storage Buffer

In PBS pH 7.4 (50% glycerol)

Storage Instruction

Store at 2°C to 8°C for 2-4 week. For long term storage, aliquot and store at -20°C to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — Alcam

Entrez GeneID	11658
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Protein Accession#	Q61490
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Gene Name	Alcam
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Gene Alias	AI853494, BEN, CD166, DM-GRASP, MGC27910, MuSC, SC1
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Gene Description	activated leukocyte cell adhesion molecule
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Gene Ontology	Hyperlink
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Other Designations	-
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