

Recombinant Activated Leukocyte Cell Adhesion Molecule (ALCAM) Instruction Manual

SIPA684Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane, Secreted
Predicted Molecular Mass	59.9kDa
Accurate Molecular Mass	60kDa(Analysis of differences refer to the manual)
Residues & Tags	Trp28~Leu528 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	5.2
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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WYT VNSAYGDTII IPCRLDVPQN
LMFGKWKYEK PDGSPVFIAF RSSTKKSQVY DDVPEYKDRL NLSENYTLSI
SNARISDEKR FVCMLVTEDN VFEAPTIVKV FKQPSKPEIV SKALFLETEQ
LKKLGDCISE DSYPDGNITW YRNGKVLHPL EGAVVIIFKK EMDPVTQLYT
MTSTLEYKTT KADIQMPFTC SVTYYGPSGQ KTIHSEQAVF DIYYPTEQVT
IQVLPPKNAI KEGDNITLKC LGNGNPPPEE FLFYLPQQPE GIRSSNTYTL
TDVRRNATGD YKCSLIDKKS MIASTAITVH YLDLSLNPSG EVTRQIGDAL
PVSCTISASR NATVVMKDN IRLRSSPSFS SLHYQDAGNY VCETALQEVE
GLKKRESLTL IVEGKPQIKM TKKTDPSGLS KTIICHVEGF PKPAIQWTIT
GSGSVINQTE ESPYINGRYY SKIIISPEEN VTLTCTAENQ LERTVNSLNV
SAISIPEHDE ADEISDENRE KVNDQAKL
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USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

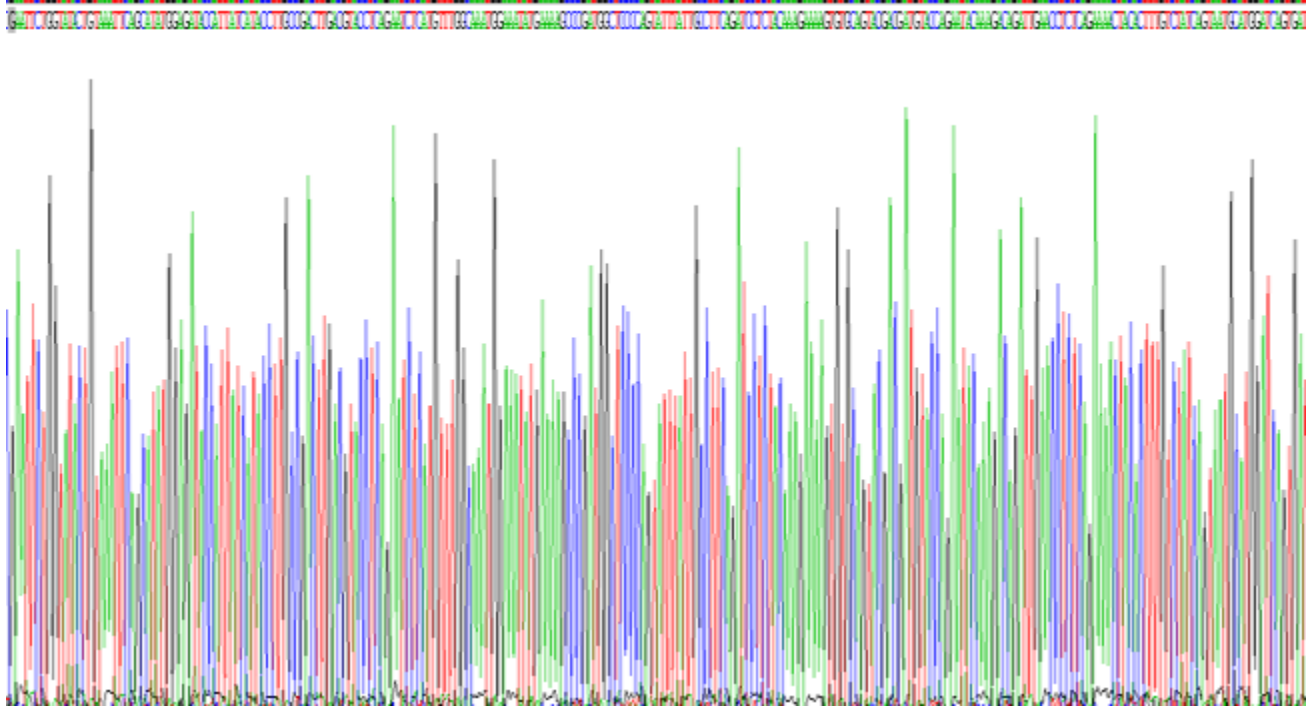
STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image



SDS-PAGE Image

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.