Cloud-Clone Corp.

RPA548Ca01 100 μg

Recombinant Intercellular Adhesion Molecule 1 (ICAM1)

Organism Species: *Canis familiaris; Canine (Dog)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Gly25~Pro531

Tags: N-terminal His and GST Tag

Subcellular Location: Membrane

Purity: > 97%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

Original Concentration: 200μg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 5.51

Predicted Molecular Mass: 85.9kDa

Accurate Molecular Mass: 85.9kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

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

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

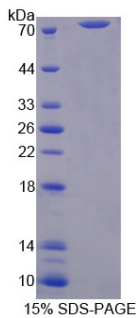Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

Stability Test: 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.

[SEQUENCE]

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GGAQTS VDPAEAIIPR GGSVQVNCST
SCNQTSIFGL ETLLTKKELN SGDNWVLFEL TDVQEDSKLI CFSNCHEQTM
APMHLTVYWF PERVELAPLP RWQPVGENLT MTCQVAGGAP RTNLTVVLLR
GEEELSRQPA VGEPAEVTFT VAVGREDHLA NFSCRTDLDL RHRGLGLFQN
SSAPRQLQTF VLPETPPRLA TPPIVEVGTQ WSVDCTLDGV FPASEAQVHL
ALAEERLHST VLYKKDSLLA TANVKANPED EGTQQLWCEV TLGDENRRWQ
ENVTFYSFPA PNLTLSEPEV SEWTTVTVEC EAPAGVVVSL SGLPSGLAVP
RAQFQLNASA ADNRRSFSCS AALEVAGHML QKNQTRELHV LYGPRLDQRD
CPGNWTWEEG SHQTLKCQAW GNPVPELKCH RKGDDALLPI GDLRPVKREV
AGTYLCQARS PRGEITREVV INVIYHQNNI LIIILVTTIV ILGTVSVAAY
LYNRQRKIQK YKLQKAQEAA AMKLNTPATP P
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[IDENTIFICATION]

15% SDS-PAGE

[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.