RPA548Hu01 10µg

Recombinant Intercellular Adhesion Molecule 1 (ICAM1)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

11th Edition (Revised in May, 2016)

[PROPERTIES]

Source: Prokaryotic expression.

Host: *E. coli*

Residues: Gly41~Gly464

Tags: N-terminal His-Tag

Tissue Specificity: Lymph.

Subcellular Location: Membrane; Single-pass type I membrane protein.

Purity: >95%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.

Original Concentration: 200ug/mL

Applications: SDS-PAGE; WB; ELISA; IP; CoIP; ReporterAssays; Purification; Amine Reactive Labeling.

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

Predicted isoelectric point: 5.7

Predicted Molecular Mass: 47.5kDa

Accurate Molecular Mass: 45kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 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 2-8°C for one month.

Aliquot and store at -80°C 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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                                                  GGSVLVTCST
SCDQPKLLGI  ETPLPKKELL  LPGNNRKVYE  LSNVQEDSQP  MCYSNCPDGQ
STAKTFLTVY  WTPERVELAP  LPSWQPVGKN  LTLRCQVEGG  APRANLTVVL
LRGEKELKRE  PAVGEPAEVT  TTVLVRRDHH  GANFSCRTEL  DLRPQGLELF
ENTSAPYQLQ  TFVLPATPPQ  LVSPRVLEVD  TQGTVVCSLD  GLFPVSEAQV
HLALGDQRLN  PTVTYGNDSF  SAKASVSVTA  EDEGTQRLTC  AVILGNQSQE
TLQTVTIYSF  PAPNVILTKP  EVSEGTEVTV  KCEAHPRAKV  TLNGVPAQPL
GPRAQLLLKA  TPEDNGRSFS  CSATLEVAGQ  LIHKNQTREL  RVLYGPRLDE
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LEGTYLCRAR  STQG
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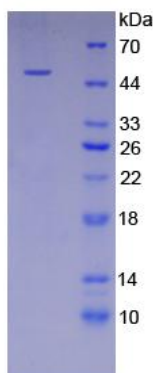
[IDENTIFICATION]

Figure 1. SDS-PAGE