

RPA548Hu01 50µg

Recombinant Intercellular Adhesion Molecule 1 (ICAM1)

Organism Species: *Homo sapiens* (Human)

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: Gly41~Gly464

Tags: N-terminal His Tag

Subcellular Location: Membrane

Purity: > 95%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

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: 5.7

Predicted Molecular Mass: 47.5kDa

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

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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]

```

GGSVLVTCST
SCDQPKLLGI ETPLPKKELL LPGNNRKVYE LSNVQEDSQP MCYSNCPDQ
STAKTFLTVY WTPERVELAP LPSWQPVGKN LTLRCQVEGG APRANLTVVL
LRGEKELKRE PAVGEPAEVT TTVLVRRDHH GANFSCRTEL DLRPQGLELF
ENTSAPYQLQ TFVLPATPPQ LVSPRVLEVD TQGTVVCSLD GLFPVSEAQV
HLALGDQRLN PTVTYGNSF SAKASVSVTA EDEGTQRLTC AVILGNQSQE
TLQVTIYSF PPNVILTTPK EVSEGTEVTV KCEAHPRAKV TLNGVPAQPL
GPRAQLLLKA TPEDNGRSFS CSATLEVAGQ LIHKNQTRREL RVLYGPRLDE
RDCPGNWTWP ENSQQTPMCQ AWGNPLPELK CLKDGTFLPL IGESVTVTRD
LEGTYLCCRAR STQG
    
```

[IDENTIFICATION]

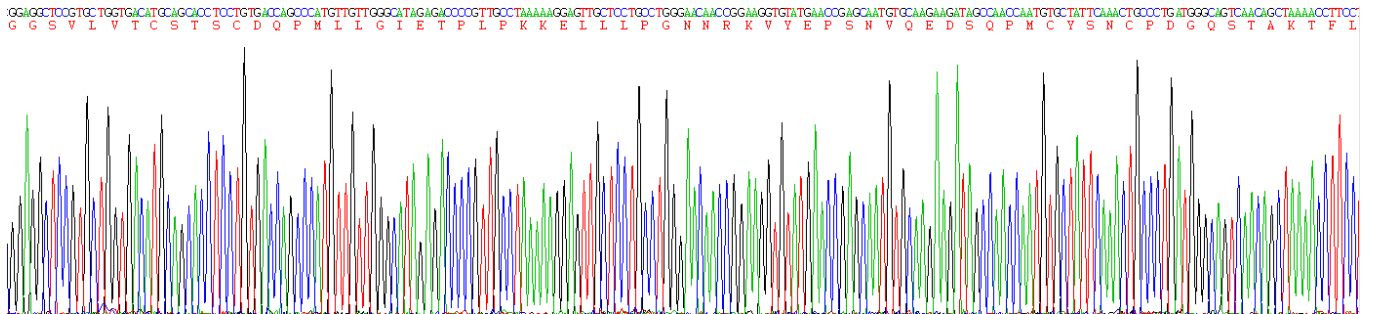


Figure. Gene Sequencing (Extract)

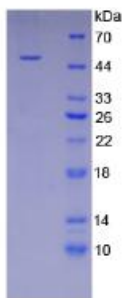


Figure. SDS-PAGE

[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.