

**RPA548Hu02 100µg**  
**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

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9th Edition (Revised in Jul, 2013)

**[ PROPERTIES ]**

**Residues:** Asn26~Glu480 (Accession # P05362),  
with N-terminal GST-tag.

**Host:** *E. coli*

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

**Purity:** >95%

**Endotoxin Level:** <1.0EU per 1µg  
(determined by the LAL method).

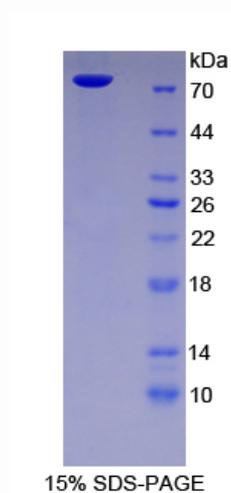
**Formulation:** Supplied as lyophilized form in PBS,  
pH7.4, containing 5% sucrose, 0.01% sarcosyl.

**Predicted isoelectric point:** 5.8

**Predicted Molecular Mass:** 75.8kDa

**Applications:** SDS-PAGE; WB; ELISA; IP.

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



**[ USAGE ]**

Reconstitute in sterile PBS, pH7.2-pH7.4.

## [ 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 of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

## [ SEQUENCES ]

The target protein is fused with N-terminal GST-tag, its sequence is listed below.

MSPILGYWKI KGLVQPTRLL LEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID  
GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV  
DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK  
KRIEAIQID KYLKSSKYIA WPLQGWQATF GGGDHPPKSD GGPLGS- NAQTS VSPSKVILPR  
GGSVLVCST SCDQPKLLGI ETPLPKKELL LPGNNRKVYE LSNVQEDSQP MCYSNCPDGQ  
STAKTFLTVY WTPERVELAP LPSWQPVGKN LTLRCQVEGG APRANLTVVL LRGEKELKRE  
PAVGEPAEVT TTVLVRRDHH GANFSCRTEL DLRPQGLELF ENTSAPYQLQ TFVLPATPPQ  
LVSPRVLEVD TQGTVVCSLD GLFPVSEAQV HLAGDQRLN PTVTYGNDSF SAKASVSVTA  
EDEGTQRLTC AVILGNQSQE TLQTVTIYSF PPNVILTKP EVSEGTEVTV KCEAHPRAKV  
TLNGVPAQPL GPRAQLLKA TPEDNGRSFS CSATLEVAGQ LIHKNQTRER RVLYGPRLDE  
RDCPGNWTWP ENSQQTPMCQ AWGNPLPELK CLKDGTFFLP IGESVTVTRD  
LEGTYLCCRAR STQGEVTRKV TVNVLSPRYE