

Intercellular Adhesion Molecule 4 (ICAM4) Recombinant Protein | ICAM4 recombinant protein

Recombinant Intercellular Adhesion Molecule 4 (ICAM4)

CATALOG # AAA135471	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Intercellular Adhesion Molecule 4 (ICAM4); Recombinant Intercellular Adhesion Molecule 4 (ICAM4); ICAM4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in 20mM Tris, 500 mM NaCl, pH 8.0, containing 1mM EDTA, 1mM DTT, 0.1% sarcosyl, 5% trehalose, and preservative.
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag, its sequence is listed below. MGSSHHHHH HSSGLVPRGS HMASMTGGQQ MGRGS-MSPE FVAVQPGKSV QLNCNSCPQ PQNSSLRTP LRQGKTLRGPG WVSQQLDVR AWSSLAHCLV TCAGKTRWAT SRITAYKPPH SVILEPPVLK GRKYTLRCHV TQVFPVGYLV VTLRHGSRVI YSESLERFTG LDLANVTLY EFAAGPRDFW QPVICHARLN LDGLVVRNSS APITLMLAW
Sequence Length	272
Applicable Applications for ICAM4 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Met52~Trp234 (Accession # Q14773) with two N-terminal Tags, His-tag and T7-tag
Subcellular Location	Cell membrane; Single-pass type I membrane protein. Secreted
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	10.1
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Usage	Reconstitute in ddH2O
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree 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 degree 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.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	85068578
NCBI GeneID	3386
NCBI Accession #	NP_001034221.1
NCBI GenBank Nucleotide #	NM_001039132.2
UniProt Accession #	Q14773; Q14771; Q14772; Q16375; Q9BWR0; A0M8X2
Molecular Weight	23.9kDa
NCBI Official Full Name	intercellular adhesion molecule 4 isoform 3
NCBI Official Synonym Full Names	intercellular adhesion molecule 4 (Landsteiner-Wiener blood group)
NCBI Official Symbol	ICAM4
NCBI Official Synonym Symbols	LW; CD242
NCBI Protein Information	intercellular adhesion molecule 4; CD242 antigen; LW blood group protein; Landsteiner-Wiener blood group antigen a; Landsteiner-Wiener blood group glycoprotein; intercellular adhesion molecule 4 (LW blood group); intercellular adhesion molecule 4 isoform 3 anitgen LWa
UniProt Protein Name	Intercellular adhesion molecule 4
UniProt Gene Name	ICAM4
UniProt Synonym Gene Names	LW; ICAM-4
UniProt Entry Name	ICAM4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/icam4-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/135471>