

Intercellular Adhesion Molecule-1 Recombinant Protein | ICAM1 recombinant protein

Recombinant Human Intercellular Adhesion Molecule-1

CATALOG # AAA38465	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot
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PRODUCT SYNONYMS

Intercellular Adhesion Molecule-1; Recombinant Human Intercellular Adhesion Molecule-1; ICAM-1 Human; Intercellular Adhesion Molecule-1 Human Recombinant; Intercellular adhesion molecule 1; ICAM-1; Major group rhinovirus receptor; CD54 antigen; ICAM1; BB2; CD54; P3.58; ICAM1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95% as determined by SDS-PAGE.
Form/Format	ICAM-1 is supplied (0.2mg/ml) in PBS, 50% Glycerol, 2mM Imidazole. Sterile Filtered clear solution.
Sequence Length	532
Applicable Applications for ICAM1 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Preparation and Storage	Store at 4 degree C if entire vial will be used within 1-2 weeks. Store, frozen at -20 degree C for longer periods of time. Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for ICAM1 recombinant protein	Description: ICAM-1 Human Recombinant is expressed in E Coli containing 455 amino acids 28-483 fused to an amino terminal hexahistidine tag. The ICAM-1 is purified by proprietary chromatographic techniques. Introduction: ICAM-1 also called CD54 is a single chain membrane glycoprotein expressed on the surface of a variety of non-haematopoietic and haematopoietic cell types and has roles in signal transduction, cell signaling and lymphocyte adhesion. ICAM1 binds to integrins such as CD11a / CD18, or CD11b / CD18. ICAM1 is also used by Rhinovirus as a receptor. ICAM-1 is an intercellular adhesion molecule constantly present in low concentrations in the membranes of leukocytes and endothelial cells. When stimulated by cytokine the concentrations significantly increase. ICAM-1 can be stimulated by interleukin-1 (IL-1) and tumor necrosis factor alpha (TNFA) and is expressed by the vascular endothelium, macrophages and lymphocytes. ICAM-1 is a ligand for LFA-1 which is a receptor found on leukocytes. Upon activation, leukocytes bind to endothelial cells via ICAM-1/LFA-1 and then transmigrate into tissues. ICAM-1 is implicated in subarachnoid hemorrhage (SAH). Levels of ICAM-1 are shown to be notably elevated in patients with SAH. Soluble ICAM-1 is detectable in the plasma and is elevated in patients with various inflammatory conditions.
Product Categories/Family for ICAM1 recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	167466198
NCBI GeneID	3383
NCBI Accession #	NP_000192.2
NCBI GenBank Nucleotide #	NM_000201.2

UniProt Accession #	P05362; Q5NKV7; Q96B50; B2R6M3
Molecular Weight	57,825 Da
NCBI Official Full Name	intercellular adhesion molecule 1
NCBI Official Synonym Full Names	intercellular adhesion molecule 1
NCBI Official Symbol	ICAM1
NCBI Official Synonym Symbols	BB2; CD54; P3.58
NCBI Protein Information	intercellular adhesion molecule 1; ICAM-1; cell surface glycoprotein P3.58; intercellular adhesion molecule 1 (CD54), human rhinovirus receptor; major group rhinovirus receptor
UniProt Protein Name	Intercellular adhesion molecule 1
UniProt Gene Name	ICAM1
UniProt Synonym Gene Names	ICAM-1
UniProt Entry Name	ICAM1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/icam1-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot/38465>