

Intercellular Adhesion Molecule 1 (ICAM1) Recombinant Protein | ICAM1 recombinant protein

Recombinant Intercellular Adhesion Molecule 1 (ICAM1)

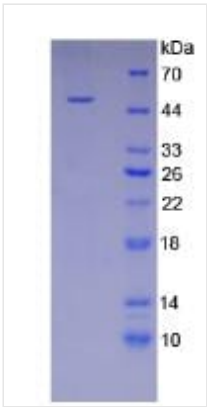
CATALOG # AAA133980	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Intercellular Adhesion Molecule 1 (ICAM1); Recombinant Intercellular Adhesion Molecule 1 (ICAM1); ICAM1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHSGSEF-GG SVLVCSTSC DQPKLLGIET PLPKKELLPL GNNRKVYELS NVQEDSQPMC YSNCPDGGST AKTFLTVYWT PERVELAPLP SWQPVGKNLT LRCQVEGGAP RANLTVVLLR GEKELKREPA VGEPAEVTTT VLVRDHHGA NFSCRTDL RPQGLELFEN TSAPYQLQTF VLPATPPQLV SPRVLEVDQ GTVVCSDGL FPVSEAQVHL ALGDQRLNPT VTYGNDSFSA KASVSVAED EGTQRLTCAV ILGNQSQETL QVTIYSFPA PNVLTKPEV SEGTEVTVKC EAHPRAKVTL NGVPAQPLGP RAQLLLKATP EDNGRSFSCS ATLEVAGQLI HKNQTRRLV LYGPRLDERD CPGNWTWPEN SQQTPMCQAW GNPLPELKCL KDGTFPLPIG ESVTVTRDLE GTYLCRARST QG
Sequence Length	532
Applicable Applications for ICAM1 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Gly41~Gly464 (Accession # P05362) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
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 targetprotein. 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 andprecipitation 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.



Sequence

SCDQPKLLGI	ETPLPKKELL	LPGNNRKVYE	LSNVQEDSQP	MCYSNCPDQ
STAKTFLTVY	WTPERVELAP	LPSWQPVGKN	LTLRCQVEGG	APRANLTVVL
LRGEKELKRE	PAVGEPAEVT	TTVLVRRDHH	GANFSCRTLE	DLRPQGLELF
ENTSAPYQLQ	TFVLPATPPQ	LVSPRVLEVD	TQGTVVCSLD	GLFPVSEAQV
HLALGDQRLN	PTVTYGNDSF	SAKASVSVTA	EDEGTQRLTC	AVILGNQSQE
TLQTVTIYSF	PAPNVILTKP	EVSEGTEVTV	KCEAHPRAKV	TLNGVPAQPL
GPRAQLLLKA	TPEDNGRSFS	CSATLEVAGQ	LIHKHQITREL	RVLYGPRLDE
RDCPGNWTWP	ENSQQTPMCQ	AWGNLPELK	CLKDGTFFLP	IGESVTVTVD
LEGTYLCRAR	STQG			

SDS-PAGE

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	47.8kDa
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; major group rhinovirus receptor; intercellular adhesion molecule 1 (CD54), human 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.