

Recombinant Human ICAM1, His-tagged

Cat. No. ICAM1-28631TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 28-483 of the mature extracellular domain of Human ICAM1, with an amino-terminal hexahistidine tag.
Species	Human
Source	E.coli
Protein Length	28-483 a.a.
Description	This gene encodes a cell surface glycoprotein which is typically expressed on endothelial cells and cells of the immune system. It binds to integrins of type CD11a / CD18, or CD11b / CD18 and is also exploited by Rhinovirus as a receptor.
Conjugation	HIS
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 50% Glycerol, 20mM Tris, pH 8
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Sequences of amino	QTS VSPSKVILPR GGSVLVTCST SCDQPKLLGIETPLPKKELL LPGNNRKVYE

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acids

LSNVQEDSQP MCYSNCPDGQ STAKTFLTVY WTPERVELAPLPSWQPVGKN
 LTLRCQVEGG APRANLTVVL LRGEKELKRE PAVGEPAEVT
 TTVLVRRDHHGANFSCRTEL DLRPQGLELF ENTSAPYQLQ TFVLPATPPQ
 LVSPRVLEVD TQGTVVCSLDXLFVSEAQV HLALGDQRLN PTVTYGNDSF
 SAKASVSVTA EDEGTQRLTC AVILGNQSQETLQTVTIYSF PAPNVILTKP
 EVSEGTEVTV KCEAHPRAKV TLNGVPAQPL GPRAQLLLKATPEDNGRSFS
 CSATLEVAGQ LIHKNQTREL RVLYGPRLDE RDCPGNWTWP
 ENSQQTPMCQAWGNPLPELK CLKDGTFFLP IGESVTVTRD LEGTYLCRAR
 STQGEVTREV TVNVLSPRYEIVI

Sequence

Belongs to the immunoglobulin superfamily. ICAM family. Contains 5 Ig-like C2-type

Similarities

(immunoglobulin-like) domains.

GENE INFORMATION

Gene Name

ICAM1 intercellular adhesion molecule 1 [Homo sapiens]

Official Symbol

ICAM1

Synonyms

ICAM1; intercellular adhesion molecule 1; BB2; CD54; human rhinovirus receptor;

Gene ID

3383

mRNA Refseq

NM_000201

Protein Refseq

NP_000192

MIM

147840

Uniprot ID

P05362

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Chromosome Location	19p13.3-p13.2
Pathway	Adaptive Immune System, organism-specific biosystem; African trypanosomiasis, organism-specific biosystem; African trypanosomiasis, conserved biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem;
Function	cell surface binding; integrin binding; protein binding; receptor activity; transmembrane signaling receptor activity;

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