

Recombinant Human ICAM1

Cat. No. ICAM1-28590TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 28-480 of Human ICAM1 ; 453 amino acids, 49.5 kDa.
Species	Human
Source	CHO
ProteinLength	28-480 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.
Form	Lyophilised
Purity	>95% by SDS-PAGE
Storage	Store at -20°C. Stable for 12 months at -20°C
Sequences of amino acids	QTSVSPSKV ILPRGGSVLV TCSTSCDQPK LLGIETPLPK KELLPGNNR KVELSNVQE DSQPMCYSNC PDGQSTAKTF LTVYWTPERV ELAPLPSWQP VGKNLTLRCQ VEGGAPRANL TVVLLRGEKE LKREPAVGEP AEVTTTTLVR RDHHGANFSC RTELDLRPQG LELFENTSAP YQLQTFVLPA TPPQLVSPRV LEVDTQGTVV CSLDGLFPVS EAQVHLALGD QRLNPTVTYG NDSFSAKASV SVTAEDEGTQ RLTCAVILGN QSQETLQTVT IYSFPAPNVI LTKPEVSEGT

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EVTVKCEAHP RAKVTLNGVP AQPLGPRAQL LLKATPEDNG RSFSCSATLE
 VAGQLIHKNQ TRELRLVLYGP RLDERDCPGN WTPENSQQT PMCQAWGNPL
 PELKCLKDGT FPLPIGESVT VTRDLEGTYL CRARSTQGEV TRKVTNVNLS PRYE

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](#)

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

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(CAMs), conserved biosystem;

Function

cell surface binding; integrin binding; protein binding; receptor activity;
transmembrane signaling receptor activity;

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