

Active Recombinant Human ICAM1, HlgG1 Fc-tagged

Cat. No. ICAM1-101H Lot. No. (See product label)

SPECIFICATION

Product Overview	The extracellular domain of human CD54 (AAH15969.1) (Met1-Glu480)(Gln348Lys) is fused to the N-terminus of the Fc region of human IgG1 was expressed in CHO cell.
Species	Human
Source	CHO
ProteinLength	1-480 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	Lyophilized from 0.2µm-filtered solution in PBS.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of PMA-stimulated HSB2 human peripheral blood acute lymphoblastic leukemia cells.
AA Sequence	(Met1-Glu480)(Gln348Lys)
Endotoxin	<0.06 eu/µg="" as="" determined="" by="" lal="" test="">
Purity	>98%, by SDS-PAGE under reducing conditions.
Stability	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are

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stable for up to 3 months when stored at -20°C.

Reconstitution Reconstitute at 100µg/ml in sterile PBS.

Warning Avoid freeze/thaw cycles.

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; ICAM-1; cell surface glycoprotein P3.58; major group rhinovirus receptor; intercellular adhesion molecule 1 (CD54), human rhinovirus receptor; P3.58;

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

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adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; Glucocorticoid receptor regulatory network, organism-specific biosystem;

Function

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

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