

Active Recombinant Human ICAM1, HlgG1 Fc-tagged, mutant

Cat. No. ICAM1-102H Lot. No. (See product label)

SPECIFICATION

Product Overview	The extracellular domain of human CD54 [ICAM-1] (NP_000192.2)(Gln28-Glu480) is fused to the C-terminus of the Fc region of a mutant human IgG1 was expressed in CHO cell.
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	Lyophilized from 0.2µm-filtered solution in PBS.
Bio-activity	Measured using CTLL-s indicator cells. Specific Activity: 1-1.5 x10 ⁶ Units/mg*.
Molecular Mass	78KDa (monomer)
AA Sequence	Gln28-Glu480
Endotoxin	<0.06 eu/µg="" as="" determined="" by="" lal="">
Purity	>98%, by SDS-PAGE under reducing conditions.

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Stability	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are 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,

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organism-specific biosystem; African trypanosomiasis, conserved biosystem; Cell 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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