

Active Recombinant Mouse ICAM1, MIgG2a Fc-tagged

Cat. No. ICAM1-316M Lot. No. (See product label)

SPECIFICATION

Product Overview	The extracellular domain of mouse CD54 (AAH08626.1)(Gln28-Asn485) is fused to the N-terminus of the Fc region of mouse IgG2a was expressed in CHO cell.
Species	Mouse
Source	CHO
ProteinLength	28-485 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	Gln28-Asn485
Endotoxin	<0.06 eu/µg="" as="" determined="" by="" lal="">
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 \[Mus musculus \]](#)

Official Symbol ICAM1

Synonyms ICAM1; intercellular adhesion molecule 1; myD10; CD54; Ly-47; Icam-1; MALA-2; MGC6195;

Gene ID [15894](#)

mRNA Refseq [NM_010493](#)

Protein Refseq [NP_034623](#)

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; HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem;

Function cell surface binding; integrin binding; protein complex binding;

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