Active Recombinant Mouse ICAM1, MIgG2a Fc-tagged, mutant

Cat. No. ICAM1-317M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The extracellular domain of mouse CD54 [ICAM-1] (AAH08626.1) (Gln28-Asn485) is fused to the N-terminus of the Fc region of a mutant 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 theimmune system. It binds to integrins of type CD11a / CD18, or CD11b / CD18 and is also exploited by Rhinovirus asa 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.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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 [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;

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA