

Active Recombinant Human MADCAM1, Fc Chimera

Cat. No. MADCAM1-421H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MADCAM1 (Accession # AAY82472) was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
Predicted N Terminal	Val23 & Glu29
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of HuT 78 human cutaneous T cell lymphoma cells. When 5×10^4 cells/well are added to recombinant human MADCAM-1/Fc Chimera coated plates (2.5 µg/mL with 100 µL/well), approximately 50% - 70% will adhere after 1 hour incubation at 37 °C in the presence of 1 mM MnCl ₂ . Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	Recombinant Human MADCAM1, Fc Chimera has a calculated MW of 59.3 kDa (monomer). In SDS-PAGE migrates as 85-100 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

 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

months (-70°C).

GENE INFORMATION

Gene Name	MADCAM1 mucosal vascular addressin cell adhesion molecule 1 [Homo sapiens]
Official Symbol	MADCAM1
Synonyms	MADCAM1; mucosal vascular addressin cell adhesion molecule 1; mucosal addressin cell adhesion molecule 1; MACAM1; MAdCAM-1; hMAdCAM-1; mucosal addressin cell adhesion molecule-1;
Gene ID	8174
mRNA Refseq	NM_130760
Protein Refseq	NP_570116
MIM	102670
UniProt ID	Q13477
Chromosome Location	19p13.3

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