Active Recombinant Mouse Vcam1, Fc Chimera

Cat. No. Vcam1-491M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Vcam1 (Accession # CAA47989) was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
Predicted N Terminal	Met
Form	Lyophilized from a 0.2 μm filtered solution in PBS.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of U937 human histiocytic lymphoma cells.When 5 x 10^4 cells/well are added to mouse VCAM-1 coated plates (10 μg/mL with 100 μL/well), >85% will adhere after 1 hour incubation at room temperature. Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	Recombinant Mouse Vcam1, Fc Chimera has a calculated MW of 101.9 kDa (monomer). In SDS-PAGE migrates as 120 kDa, reducing conditions.
Purity	>90%, 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 (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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GENE INFORMATION

Gene Name	Vcam1 vascular cell adhesion molecule 1 [Mus musculus]
Official Symbol	Vcam1
Synonyms	VCAM1; vascular cell adhesion molecule 1; vascular cell adhesion protein 1; V-CAM 1; CD106; Vcam-1;
Gene ID	22329
mRNA Refseq	NM_011693
Protein Refseq	NP_035823
MIM	

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