

## Active Recombinant Mouse Vcam1, Fc Chimera

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Vcam1 (Accession # CAA47989) was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Mouse
<b>Source</b>	Mammalian Cells
<b>Predicted N Terminal</b>	Met
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in PBS.
<b>Bio-activity</b>	Measured by the ability of the immobilized protein to support the adhesion of U937 human histiocytic lymphoma cells. When $5 \times 10^4$ 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.
<b>Molecular Mass</b>	Recombinant Mouse Vcam1, Fc Chimera has a calculated MW of 101.9 kDa (monomer). In SDS-PAGE migrates as 120 kDa, reducing conditions.
<b>Purity</b>	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	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 months (-70°C).

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## GENE INFORMATION

<b>Gene Name</b>	Vcam1 vascular cell adhesion molecule 1 [ Mus musculus ]
<b>Official Symbol</b>	Vcam1
<b>Synonyms</b>	VCAM1; vascular cell adhesion molecule 1; vascular cell adhesion protein 1; V-CAM 1; CD106; Vcam-1;
<b>Gene ID</b>	<a href="#">22329</a>
<b>mRNA Refseq</b>	<a href="#">NM_011693</a>
<b>Protein Refseq</b>	<a href="#">NP_035823</a>
<b>MIM</b>	

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