

# Recombinant Mouse Vcam1 Protein, Fc/His-tagged, Alexa Fluor 488 conjugated

**Cat. No.** Vcam1-2313MAF488    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Alexa Fluor 488 conjugated recombinant Mouse Vcam1 precursor extracellular domain (Met 1-Glu 698) (NP_035823.3), fused with the polyhistidine-tagged Fc region of human IgG1 at the C-terminus, was produced in Human Cell.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	922
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	The recombinant mouse VCAM1/Fc is a disulfide-linked homodimer after removal of the signal peptide. The reduced monomer consists of 922 amino acids and has a predicted molecular mass of 102 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmVCAM1/Fc monomer is approximately 110-120 kDa due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm

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<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
<b>Storage</b>	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Lyophilized from sterile PBS, pH 7.4
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
<b>Conjugation</b>	Alexa Fluor 488
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">Vcam1 vascular cell adhesion molecule 1 [ Mus musculus ]</a>
<b>Official Symbol</b>	<a href="#">Vcam1</a>
<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>

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