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

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	HEK293
ProteinLength	922
Form	Lyophilized
Molecular Mass	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.
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm

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Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	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.
Storage Buffer	Lyophilized from sterile PBS, pH 7.4
Reconstitution	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.
Conjugation	Alexa Fluor 488

GENE INFORMATION

Gene Name	Vcam1 vascular cell adhesion molecule 1 [Mus musculus]
Official Symbol	Vcam1
Gene ID	22329
mRNA Refseq	NM_011693
Protein Refseq	NP_035823

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