

Active Recombinant Human MADCAM1 protein, Fc-Avi-tagged, Biotinylated

Cat. No. MADCAM1-0486H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human MADCAM1 protein(Gln19-Gln333), fused with Fc and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	19-333 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human ITGA4&ITGB7 Heterodimer Protein, His Tag&Tag Free at 5 µg/mL (100 µL/well) can bind Biotinylated Human MAdCAM-1 Protein, Fc,Avitag with a linear range of 0.2-16 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus, followed by a Avi tag (Avitag)The protein has a calculated MW of 63 kDa. The protein migrates as 70-90 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Gln19-Gln333
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >95% as determined by SEC-MALS.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin
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

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