

Active Recombinant Human MADCAM1 protein, His-Avi-tagged, Biotinylated, Low Endotoxin

Cat. No. MADCAM1-201H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human MADCAM1 protein(Q13477-1)(19-317 aa), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	19-317 aa
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Biotinylated Human MADCAM1, His Tag at 0.5µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Anti-MADCAM1 Antibody, hFc Tag with the EC50 of 5.6ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 34.31 kDa. Due to glycosylation, the protein migrates to 50-70 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

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Storage Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

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](#)

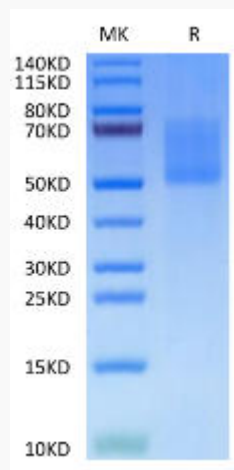
UniProt ID [Q13477](#)

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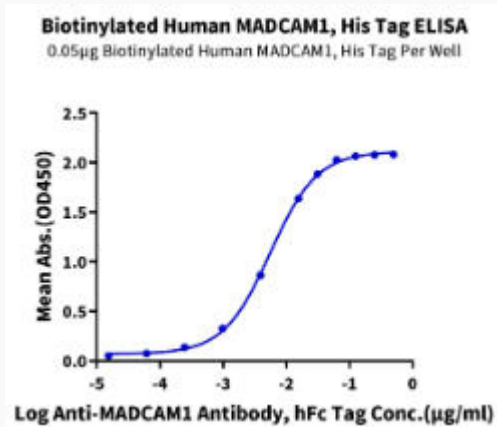
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Bis-Tris PAGE



ELISA Data



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