

Biotinylated Recombinant Human mucosal vascular addressin cell adhesion molecule 1 Protein, Fc tagged

Cat. No. MADCAM1-3983HB **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human MADCAM1 Protein (19-317aa) with C-Fc tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	19-317aa
Description	The protein encoded by this gene is an endothelial cell adhesion molecule that interacts preferentially with the leukocyte beta7 integrin LPAM-1 (alpha4beta7), L-selectin, and VLA-4 (alpha4beta1) on myeloid cells to direct leukocytes into mucosal and inflamed tissues. It is a member of the immunoglobulin family and is similar to ICAM1 and VCAM1. At least seven alternatively spliced transcripts encoding different protein isoforms have been found for this gene, but the full-length nature of some variants has not been determined.
Tag	C-Fc
Conjugation/Label	Biotin
Molecular Mass	58 kDa
AA Sequence	QSLQVKPLQVEPPEPVVAVALGASRQLTCRLACADRGASVQWRGLDTS LGAVQSD

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TGRSVLTVRNASLSAAGTRVCGVSCGGRTFQHTVQLLVYAFPDQLTVSPAALVPGD
 PEVACTAHKVTPVDPNALSFSLLVGGQELEGAQALGPEVQEEEEEPQGDEDVLFVRV
 TERWRLPPLGTPVPPALYCQATMRLPGLELSHRQAIPVLHSPTSPEPPDTTSPESPD
 TTSPESPDTTSQEPPDTTSPPEPKTSPEPAPQQGSTHTPRSPGSTRTRRPEISQA
 GPTQGEVIPTGSSKPAGDQGGGGSGGGGSGGGGSEPKSSDKHTCPCPAPELL
 GGPSVFLFPPKPKDMLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKP
 REEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQ
 VYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGS
 FFLYSKLTVDKSRWQQGNVFCSSVMHEALHNHYTQKSLSLSPGK

Purity > 90% by SDS-PAGE

Labeling Efficiency 8.07 by HABA

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer Sterile PBS, pH7.4

Concentration 3.12 mg/mL by BCA

Conjugation Biotin

GENE INFORMATION

Gene Name [MADCAM1 mucosal vascular addressin cell adhesion molecule 1 \[Homo sapiens \(human\) \]](#)

Official Symbol [MADCAM1](#)

Synonyms MADCAM1; mucosal vascular addressin cell adhesion molecule 1; mucosal addressin

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cell adhesion molecule 1; MACAM1; MAdCAM-1; hMAdCAM-1; mucosal addressin cell adhesion molecule-1

Gene ID [8174](#)

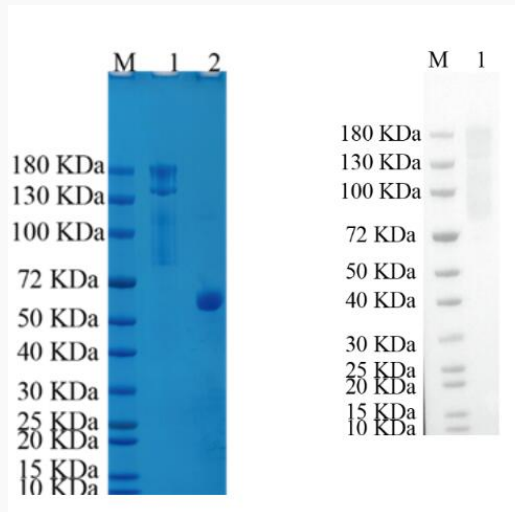
mRNA Refseq [NM_130760](#)

Protein Refseq [NP_570116](#)

MIM [102670](#)

UniProt ID [Q13477](#)

Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Goat Anti-Human IgG/HRP) analysis profiles of purified MADCAM1-3983H



1. MADCAM1
2. BSA

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