

Recombinant Human MADCAM1 protein, His/sumo-tagged

Cat. No. MADCAM1-3943H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MADCAM1(19-317 aa) fused with His/sumo tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	47.39kDa
AA Sequence	QSLQVKPLQVEPPEPVVAVALGASRQLTCRLACADRGASVQWRGLDTSLGAVQSD TGRSVLTVRNASLSAAGTRVCVGSCGGRTFQHTVQLLVYAFPDQLTVSPAALVPGD PEVACTAHKVTPVDPNALSFSLLVGGQELEGAQALGPEVQEEEEEPQGDEDVLFVRV TERWRLPPLGTPVPPALYCQATMRLPGLELSHRQAIPVLHSPTSPEPPDTTSPESPD

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TTSPESPDTTSQEPPDTTSPEPPDKTSPEPAPQQGSTHTPRSPGSTRTRRPEISQA
GPTQGEVIPTGSSKPAGDQ

Purity Greater than 80% as determined by SDS-PAGE.

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

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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