

# Recombinant Human MADCAM1 Protein (19-317 aa), His-Myc-tagged

Cat. No. MADCAM1-2537H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human MADCAM1 Protein (19-317 aa) is produced by Yeast expression system. This protein is fused with a 6xHis-Myc tag at the C-terminal. Research Area: Immunology. Protein Description: Partial.
<b>Species</b>	Human
<b>Source</b>	Yeast
<b>ProteinLength</b>	19-317 aa
<b>Description</b>	Cell adhesion leukocyte receptor expressed by mucosal venules, helps to direct lymphocyte traffic into mucosal tissues including the Peyer patches and the intestinal lamina propria. It can bind both integrin alpha-4/beta-7 and L-selectin, regulating both the passage and retention of leukocytes. Isoform 2, lacking the mucin-like domain, may be specialized in supporting integrin alpha-4/beta-7-dependent adhesion strengthening, independent of L-selectin binding.
<b>Form</b>	Tris-based buffer,50% glycerol
<b>Molecular Mass</b>	34.4 kDa
<b>AA Sequence</b>	QSLQVKPLQVEPPEPVVAVALGASRQLTCRLACADRGASVQWRGLDTSLGAVQSD TGRSVLTVRNASLSAAGTRVCGVSCGGRTFQHTVQLLVYAFPDQLTVSPAALVPGD PEVACTAHKVTPVDPNALSFSLLVGGQELEGAQALGPEVQEEEEEPQGDEDVLFVRV

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TERWRLPPLGTPVPPALYCQATMRLPGLELSHRQAIPVLHSPTSPEPPDTTSPESPD  
 TTSPESPDTTTQEPDTSPEPPDKTSPEPAPQQGSTHTPRSPGSTRTRRPEISQA  
 GPTQGEVIPTGSSKPAGDQ

**Purity** > 90% as determined by SDS-PAGE.

**Notes** Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

**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.

**Concentration** A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

## 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; MACAM1; MAdCAM-1; hMAdCAM-1;

**Gene ID** [8174](#)

**mRNA Refseq** [NM\\_130760](#)

**Protein Refseq** [NP\\_570116](#)

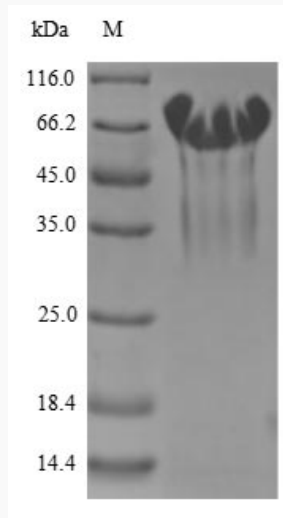
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MIM 102670

UniProt ID Q13477



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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