

## Recombinant Human MADCAM1 protein, GST-tagged

**Cat. No.** MADCAM1-30133H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MADCAM1 (24-343 aa) protein, fused to GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Lys24-Pro343
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
<b>AA Sequence</b>	KPLQVEPPEPVVAVALGASRQLTCRLACADRGASVQWRGLDTSLGAVQSDTGRSV LTVRNASLSAAGTRVCGVSCGGRTFQHTVQLLVYAFPDQLTVSPAALVPGDPEVAC TAHKVTPVDPNALSFSLLVGGQELEGAQALGPEVQEEEEEPQGDEDVLFVTERW RLPPLGTPVPPALYCQATMRLPGLLELSHRQAIPVLHSPTSPEPPDTTSPPEPNTTSP ESPDTTSPESPDTTSQEPPDTTSQEPPDTTSQEPPDTTSPPEPDKTSPEPAPQQGS THTPRSPGSTRTRRPEISQAGPTQGEVIPTGSSKPAGDQLP
<b>Purity</b>	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Stability</b>	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks).

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Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

## 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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