

Recombinant Human MADCAM1, MYC/DDK-tagged

Cat. No. MADCAM1-5690H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human MADCAM1, fused with C-terminal MYC/DDK, was expressed in HEK293 Cells.

Species Human

Source HEK293

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.

Molecular Mass 38.3 kDa

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Concentration >50 ug/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	MADCAM1 mucosal vascular addressin cell adhesion molecule 1 [Homo sapiens (human)]
Official Symbol	MADCAM1
Synonyms	MADCAM1; MACAM1; mucosal vascular addressin cell adhesion molecule 1; mucosal addressin cell adhesion molecule 1; 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
Chromosome Location	19p13.3
Pathway	Adaptive Immune System; Extracellular matrix organization; Integrin cell surface interactions

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