

Product Information

MemDX™ Membrane Protein Human MADCAM1 (Mucosal vascular addressin cell adhesion molecule 1) Full Length

Cat. No.: **MPC4153K**

This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human MADCAM1 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

MADCAM1

Protein Length

Full length

Protein Class

Cell adhesion

TMD

1

Sequence

MDFGLALLLAGLLGLLGQSLQVKPLQVEPPEPVVAVALGASRQLTCRLA
CADRGASVQWRGLDTSLGAVQSDTGRSVLTVRNASLSAAGTRVCVGSCGG
RTFQHTVQLLVYAFPDQLTVSPAALVPGDPEVACTAHKVTPVDPNALSFS
LLVGGQELEGAQALGPEVQEEEEEPQGDEDVLFRTWRRLPPLGTPVPP
ALYCQATMRLPGLLESHRQAIPVLHSPTSPEPPDTSPEPDTSPEPD
TTSQEPPDTSPEPPDKTSPEPAPQQGSTHTPRSPGSTRTTRRPEISQAGP
TQGEVIPTGSSKPAGDQLPAALWTSSAVLGLLLLALPTYHLWKRCRLAE
DDTHPPASLRLLPQVSAWAGLRGTGQVGISPS

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

MADCAM1

Full Name

Mucosal vascular addressin cell adhesion molecule 1

Introduction

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.

Alternative Names

MADCAM1; MACAM1; mucosal addressin cell adhesion molecule 1; MAdCAM-1; hMAdCAM-1; Mucosal vascular addressin cell adhesion molecule 1

Gene ID

[8174](#)

UniProt ID

[Q13477](#)