

Product Information

MemDX™ Membrane Protein Human MADCAM1 (Mucosal vascular addressin cell adhesion molecule 1) Expressed in Yeast with 6xHis and Myc tag at the C-terminus for Antibody Discovery, Partial (19-317aa)

Cat. No.: **MPX4228K**

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

This product is a 34.4 kDa Human MADCAM1 membrane protein expressed in Yeast. 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

Partial (19-317aa)

Protein Class

Cell adhesion

Molecular Weight

34.4 kDa

TMD

1

Sequence

QSLQVKPLQVEPPEPVVAVALGASRQLTCRLACADRGASVQWRGLDTSLGAVQSDTGRSVLTVRNASLSAAGTRVCVGSCGGRT

Product Description

Expression Systems

Yeast

Tag

6xHis and Myc tag at the C-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Purity

>90% as determined by SDS-PAGE

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°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](#)