

Recombinant Mouse Mucosal Vascular Addressin Cell Adhesion Molecule 1

Cat. No. Madcam1-1767M **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Mouse
Source	Mammalian Cells
Description	Mucosal vascular addressin cell adhesion molecule 1 (MAdCAM-1) is a multifunctional type I transmembrane adhesion molecule that is expressed selectively at venular sites of lymphocyte extravasation into mucosal lymphoid tissues and lamina propria, where it directs local lymphocyte trafficking. MAdCAM-1 is involved in the normal recirculation of lymphocytes between the blood and the gastrointestinal tract. MAdCAM-1 may be a relevant tissue-specific therapeutic target for the modulation of inflammatory bowel disease activity.
Molecular Weight	The predicted molecular weight of Recombinant Mouse MAdCAM-1 is Mr 63 kDa. However, the actual molecular weight as observed by migration on SDS Page is Mr 85-95 kDa.
State Of Matter	Lyophilized.
Purity	>95% by SDS Page and analyzed by silver stain.
Endotoxin	<1.0 EU/g as determined by the LAL method.

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Storage And Stability

This lyophilized protein is stable for six to twelve months when stored desiccated at -20°C to -70°C. After aseptic reconstitution, this protein may be stored at 2°C to 8°C for one month or at -20°C to -70°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles. See Product Insert for exact lot specific storage instructions.

GENE INFORMATION

Gene Name	Madcam1 mucosal vascular addressin cell adhesion molecule 1 [Mus musculus]
Synonyms	Madcam1; mucosal vascular addressin cell adhesion molecule 1; AV211525; MGC35998; MGC144710; MGC144711
Gene ID	17123
mRNA Refseq	NM_013591
Protein Refseq	NP_038619
UniProt ID	Q61826
Chromosome Location	10 C1-C2; 10 43.0 cM
Pathway	Cell adhesion molecules (CAMs)
Function	protein binding

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