Recombinant Mouse Madcam1 Protein, His tagged, Biotinylated

Cat. No. Madcam1-7077MB **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Madcam1 aa. (Pro29~Cys297 (Accession # Q61826)) fused with N-terminal His tag was produced in E. coli cells. Protein was labeled with biotin in vitro.
Species	Mouse
Source	E.coli
ProteinLength	29-297 aa
Description	Predicted to enable integrin binding activity involved in cell-matrix adhesion. Acts upstream of or within keratinocyte differentiation and leukocyte migration. Predicted to be located in membrane. Is expressed in eyelid; hair follicle; and hemolymphoid system. Orthologous to human MADCAM1 (mucosal vascular addressin cell adhesion molecule 1).
Tag	N-His
Conjugation/Label	Biotin
Form	Solution
Molecular Mass	30.4 kDa

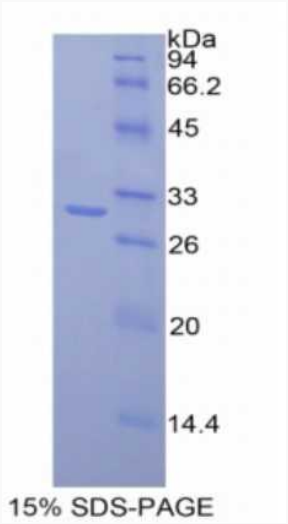
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Endotoxin	< 1 EU/μg by LAL
Purity	> 95%
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48 h, and no obvious degradation and precipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS buffer
Concentration	0.73 mg/mL
Conjugation	Biotin

GENE INFORMATION

Gene Name	Madcam1 mucosal vascular addressin cell adhesion molecule 1 [Mus musculus (house mouse)]
Official Symbol	Madcam1
Synonyms	Madcam1; mucosal vascular addressin cell adhesion molecule 1; MAdCAM-1; mucosal addressin cell adhesion molecule 1; cell adhesion molecule 1
Gene ID	17123

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mRNA Refseq	NM_013591
Protein Refseq	NP_038619
UniProt ID	Q61826
SDS-PAGE	 15% SDS-PAGE

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