

Recombinant Rat MADCAM1 Protein (20-353 aa), His-SUMO-tagged

Cat. No. MADCAM1-1928R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat MADCAM1 Protein (20-353 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Immunology. Protein Description: Partial.
Species	Rat
Source	E.coli
ProteinLength	20-353 aa
Description	Cell adhesion leukocyte receptor expressed by mucosal venules, helps to direct lymphocyte traffic into mucosal tissues including the Peyer patches and the intestinal lamina propria. It can bind both the integrin alpha-4/beta-7 and L-selectin, regulating both the passage and retention of leukocytes.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	52.0 kDa
AA Sequence	QSFQVNPPEPEVAVAMGTSLQINCSMSCDKDIARVHWHGLDTNLGNVQTLPGSRVL SVRGMLSDTGTRVCVGCGRSRSFQHSVKILVYAFPDQLEVTPFLVPGRDQVVSCT AHNIWPAGPDSLSFALLRGEQSLEGAQALETEEQEEEMQETEGTPLFQVTQRWLLPS LGTPALPALYCQVTMQLPKLVLTTHRRKIPVLQSQTSPEPPSTTSAPKYILTSSHTTKA VSTGLSSVALPSTPLSSEGPCYPEIHQNPEADWELLCEASCGSGVTVHWTLPAGDL

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	AAYHKREAGAQA WLSVLPLGPIPEGWFQCRMDPGGQVTSLYVTGQVIPNPSS
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

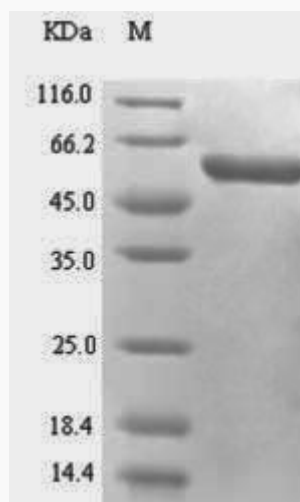
GENE INFORMATION

Gene Name	Madcam1 mucosal vascular addressin cell adhesion molecule 1 [Rattus norvegicus]
Official Symbol	MADCAM1
Synonyms	MADCAM1; MAdCAM-1; rMAdCAM-1;
Gene ID	54266
mRNA Refseq	NM_019317
Protein Refseq	NP_062190
UniProt ID	O70540

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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