

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

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

## SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	20-353 aa
<b>Description</b>	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.
<b>Form</b>	Tris-based buffer,50% glycerol
<b>Molecular Mass</b>	52.0 kDa
<b>AA Sequence</b>	QSFQVNPPEPEVAVAMGTSLQINCSMSCDKDIARVHWHGLDTNLGNVQTLPGSRVL SVRGMLSDTGTRVCVGCSCGSRSFQHSVKILVYAFPDQLEVTPEFLVPGRDQVVSCT AHNIWPAGPDSLSFALLRGEQSLEGAQALETEQEEEMQETEGTPLFQVTQRWLLPS LGTPALPALYCQVTMQLPKLVLTHRRKIPVLQSQTSPEPPSTTSAPKYILTSSHTTKA VSTGLSSVALPSTPLSSEGPCYPEIHQNPEADWELLCEASCGSGVTVHWTLPAGDL

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

AAYHKREAGAQAQAWLSVLPLGPIPEGWFCRMDPGGQVTSLYVTGQVIPNPSS

**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](#)

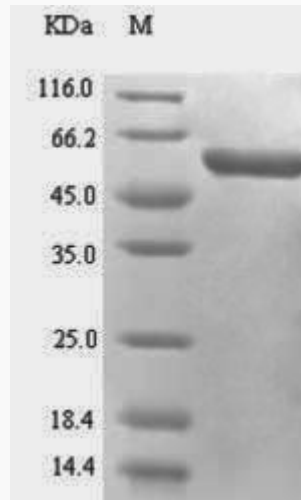
**Protein Refseq** [NP\\_062190](#)

**UniProt ID** [O70540](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA