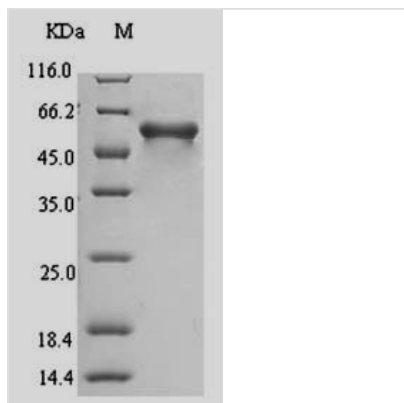




Recombinant Mouse Mucosal addressin cell adhesion molecule 1 (Madcam1), partial

Product Code	CSB-EP717229MO
Relevance	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. Both isoform 1 and isoform 2 can adhere to integrin alpha-4/beta-7. Isoform 2, lacking the mucin-like domain, may be specialized in supporting integrin alpha-4/beta-7-dependent adhesion strengthening, independent of L-selectin binding.
Abbreviation	Recombinant Mouse Madcam1 protein, partial
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q61826
Alias	Short name: MAdCAM-1 Short name: mMAdCAM-1
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	QSFQVNPPESEVAVAMGTSLQITCSMSCDEGVARVHWRGLDTSLGSVQTLP GSSILSVRGMLSDTGTPVCVVGSCGSRSFQHSVKILVYAFPDQLVVSPEFLVPG QDQVVSCTAHNIWPADPNLSFALLLGEQRLEGAQALEPEQEEEEIQEAEGTPL FRMTQRWRLPSLGTPAPPALHCQVTMQLPKLVLTHRKEIPVLQSQTSPKPPNT TSAEPYILTSSSTAEAVSTGLNITTLPSAPPYPKLSPRTLSSEGPCRPKIHQDLE AGWELLCEASCGPGVTVRWTLAPGDLATYHKREAGAQAWSVLPPGPMVEG WFQCRQDPGGEVTNLYVPGQVTPNSSS
Research Area	Immunology
Source	E.coli
Target Names	Madcam1
Expression Region	22-364aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	52.8kDa
Protein Length	Extracellular Domain
Image	



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

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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