

Product datasheet for TP503412

Madcam1 (BC024372) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse mucosal vascular addressin cell adhesion molecule 1 (cDNA clone MGC:35998 IMAGE:4986802), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203412 protein sequence Red=Cloning site Green=Tags(s)
	MESILALLLALALVPYQLSRGQSFQVNPPESEVAVAMGTSLQITCSMSCDEGVARVHWRGLDTSLGSVQT LPGSSILSVRGMLSDTGTPVCGVSGSRSFQHSVKILVYAFDPQLVVSPEFLVPGDQVVSCTAHNIWPA DPNSLSFALLLGEQRLEGAQALEPEQEEIQAEGTPLFRMTQRWRLPSLGTAPPALHCQVTMQLPKLV LTHRKEIPASTVWLWIGSLVLGLLALVFLAYRLWKCYRPGPRPDTSSCTHL
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	28.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Locus ID:	17123
RefSeq Size:	1004
Cytogenetics:	10 39.72 cM



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RefSeq ORF: 783

Synonyms: MGC35998

Summary: 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.
[UniProtKB/Swiss-Prot Function]