

Biotinylated Cynomolgus MADCAM1 Protein

Cat. No. MCM-CM401B



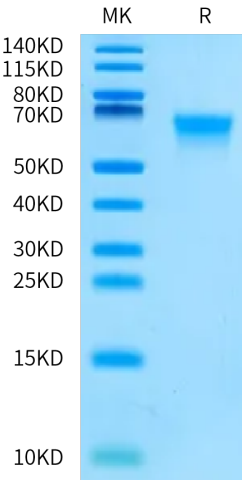
Description	
Source	Recombinant Biotinylated Cynomolgus MADCAM1 Protein is expressed from HEK293 with His tag and Avi tag at the C-terminus. It contains Gln22-Gln295.
Accession	XP_045235080.2
Molecular Weight	The protein has a predicted MW of 31.95 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage	
Formulation	Supplied as 0.22 µm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background	
Mucosal addressin cell adhesion molecule-1 (MAdCAM-1) contributes to the recruitment of donor T cells into the mucosal tissues of the recipient after allogeneic hematopoietic stem cell transplantation (aHSCT). The aim of our study was to determine whether selected single nucleotide polymorphisms (SNPs) of the MADCAM1 gene are associated with development of serious complications after aHSCT.	

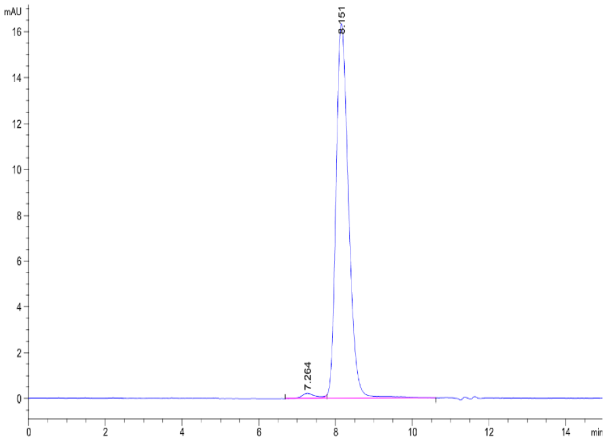
Assay Data

Bis-Tris PAGE



Biotinylated Cynomolgus MADCAM1 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



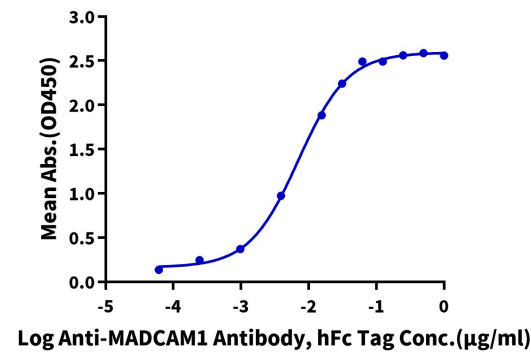
The purity of Biotinylated Cynomolgus MADCAM1 is greater than 95% as determined by SEC-HPLC.

Assay Data

ELISA Data

Biotinylated Cynomolgus MADCAM1, His Avi Tag ELISA

0.05µg Biotinylated Cynomolgus MADCAM1, His Avi Tag Per Well



Immobilized Biotinylated Cynomolgus MADCAM1, His Avi Tag at 0.5µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Anti-MADCAM1 Antibody, hFc Tag with the EC50 of 7.1ng/ml determined by ELISA.