

Product Name: Recombinant Human MAdCAM-1 (C-Fc)
Catalog #: PHH2378

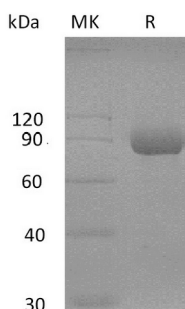


概述 (Summary)

英文全称	MAdCAM-1
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human MAdCAM1 is produced by our Mammalian expression system and the target gene encoding Gln19/xadGln333 is expressed with a human IgG1 Fc tag at the C-terminus.
Accession #	Q4PKD0
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	60.1 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

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背景 (Background)

分子别名 (Alternative Names)

hMAdCAM-1; MACAM1; MAdCAM1; MAdCAM-1; mucosal addressin cell adhesion molecule 1

背景介绍 (References)

Mucosal addressin cell adhesion molecule-1 (MAdCAM-1) is an approximately 60 kDa type 1 transmembrane glycoprotein. It is an endothelial cell adhesion molecule that belongs to the immunoglobulin (Ig) superfamily of proteins. The Ig domains of MAdCAM-1 are critical to alpha (4) beta (7) binding, and the mucin domain has activity in L Selectin binding. MAdCAM-1 expression is up-regulated by TNF-alpha and IL 1 beta. Mucosal addressin cell adhesion molecule (MAdCAM-1) plays a pivotal role in T-lymphocyte homing to the gut. MAdCAM 1 expression is also dramatically increased in chronic inflammatory and disease states, including inflammatory bowel disease (Crohn's disease and ulcerative colitis), sclerosing cholangitis, and diabetes, and may play an important role in these conditions.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.