Mouse MARCO Protein

Cat. No. MRO-MM101

Description

Source	Recombinant Mouse MARCO Protein is expressed from HEK293 with His tag at the N-Terminus.
	It contains Gln70-Ser518.
Accession	Q60754-1
Molecular Weight	The protein has a predicted MW of 46.2 kDa. Due to glycosylation, the protein migrates to 48-53 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

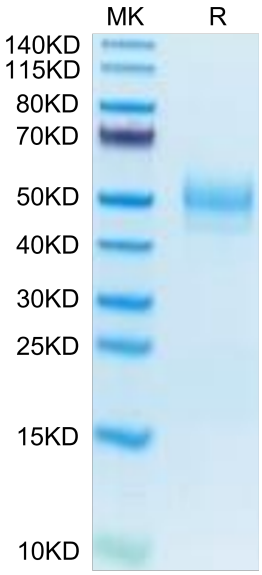
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3 months after reconstitution.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Scavenger receptor A5 (SCARA5) is a member of the class A scavenger receptors, with most similarity to SCARA1 (SR-A) and SCARA2 (MARCO), which are primarily expressed by macrophages and dendritic cells, in which they participate in clearance of various polyanionic macromolecules, pollution particles, and pathogens.In contrast to expression of SCARA1 and SCARA2 in immune cells, SCARA5 is found in a subset of fibroblast-like cells in the interstitial stroma of most organs, with additional expression in the epithelial cells of testis and choroid plexus

Assay Data

Bis-Tris PAGE



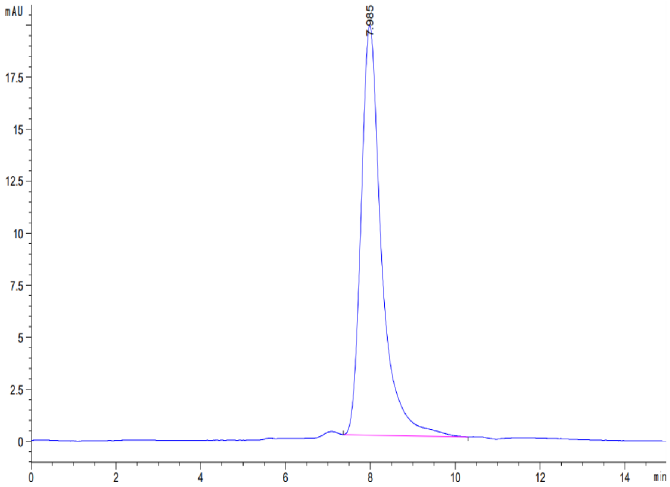
Mouse MARCO on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

Mouse MARCO Protein

Cat. No. MRO-MM101

Assay Data



The purity of Mouse MARCO is greater than 95% as determined by SEC-HPLC.