Human MRC2 Protein, Ultra Low Endotoxin

Cat. No. MRC-HM112-UL

Description

Source	Recombinant Human MRC2 Protein is expressed from HEK293 with His tag at the C-terminus.
	It contains Gly31-Ala1414.
Accession	Q9UBG0
Molecular Weight	The protein has a predicted MW of 157.75 kDa. Due to glycosylation, the protein migrates to 170-220 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
	> 95% as determined by HPLC

Formulation and Storage

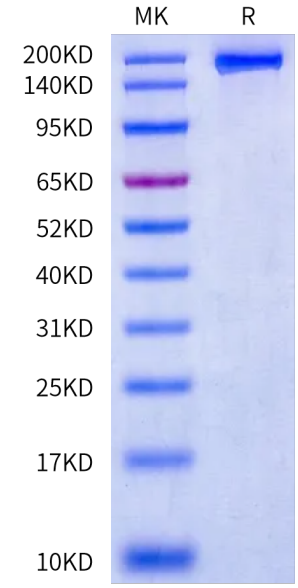
Formulation	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 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

MRC2 (Mannose Receptor C Type 2) is a constitutively recycling endocytic receptor belonging to the mannose receptor family, which has been found to be closely involved with cancer metastasis. MRC2 expresses an extracellular fibronectin type II domain that binds to and internalizes collagen, suggesting that it may play a role in modulating renal fibrosis.

Assay Data

Bis-Tris PAGE



Human MRC2 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

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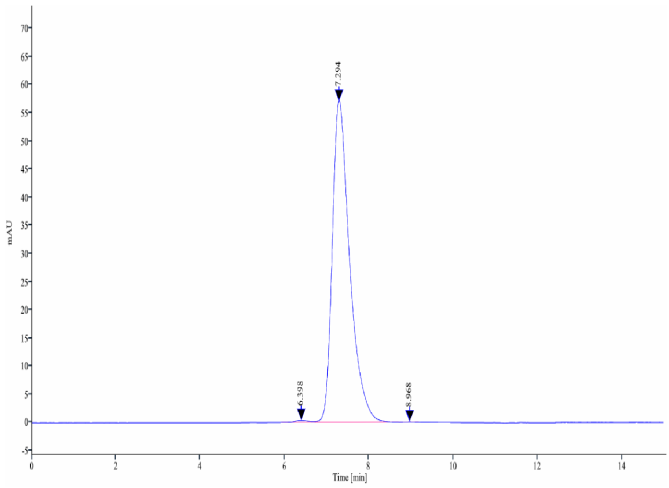

The purity of Human MRC2 is greater than 95% as determined by SEC-HPLC.