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Datasheet for ABIN7454180
MRC2 Protein (AA 31-533) (His tag)

Overview

Quantity:	100 µg
Target:	MRC2
Protein Characteristics:	AA 31-533
Origin:	Dog
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MRC2 protein is labelled with His tag.

Product Details

Purpose:	Canine MRC2 Protein
Sequence:	Gly31-Pro533
Characteristics:	Recombinant Canine MRC2 Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Gly31-Pro533.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	MRC2
Alternative Name:	MRC2 (MRC2 Products)

Target Details

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.

Molecular Weight: 57.76 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result.

UniProt: [A0A8I3NWU4](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

Buffer: Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: -20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Expiry Date: 12 months
