

**Synonym**

CD280, CLEC13E, ENDO180, UPARAP

SourceHuman MRC2 Protein, His Tag(MR2-H52H3) is expressed from human 293 cells (HEK293). It contains AA Gly 31 - Ala 1414 (Accession # [Q9UBG0](#)).

Predicted N-terminus: Gly 31

Molecular Characterization

MRC2(Gly 31 - Ala 1414)	Poly-his
Q9UBG0	

This protein carries a polyhistidine tag at the C-terminus.

The protein has a calculated MW of 158.0 kDa. The protein migrates as 170-180 kDa when calibrated against [Star Ribbon Pre-stained Protein Marker](#) under reducing (R) condition (SDS-PAGE) due to glycosylation.**Endotoxin**Less than 1.0 EU per μ g by the LAL method / rFC method.**Purity**

>90% as determined by SDS-PAGE.

>95% as determined by SEC-MALS.

FormulationLyophilized from 0.22 μ m filtered solution in PBS, pH7.4 with trehalose as protectant.

Contact us for customized product form or formulation.

Reconstitution

Please see Certificate of Analysis for specific instructions.

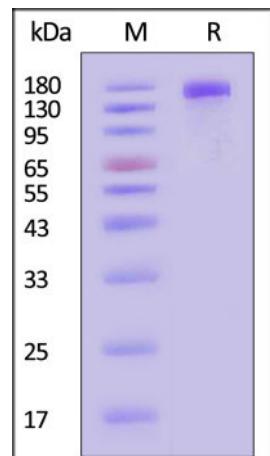
*For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.***Storage**

For long term storage, the product should be stored at lyophilized state at -20°C or lower.

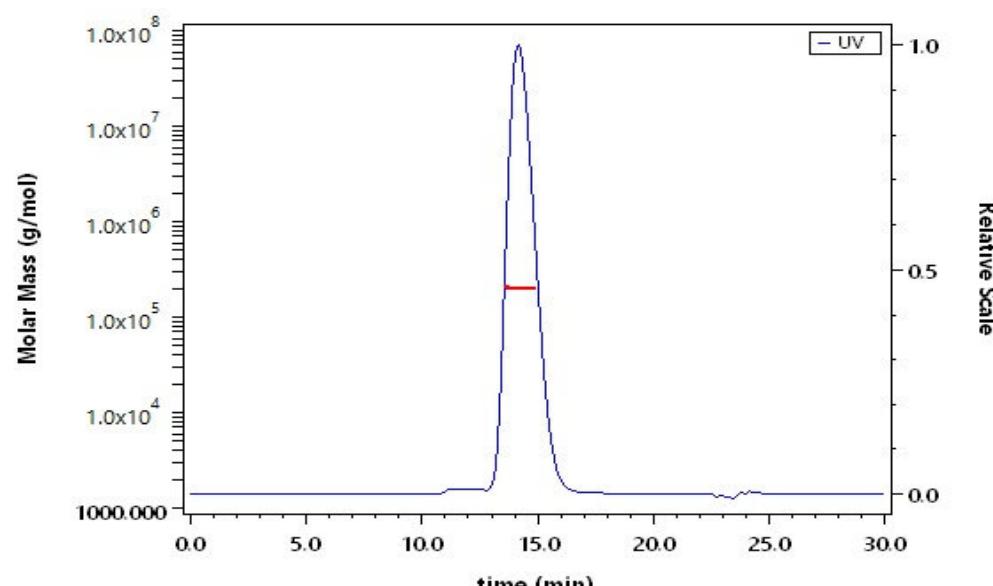
Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

SDS-PAGE

Human MRC2 Protein, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90% (With [Star Ribbon Pre-stained Protein Marker](#)).

SEC-MALS

The purity of Human MRC2 Protein, His Tag (Cat. No. MR2-H52H3) is more than 95% and the molecular weight of this protein is around 175-215 kDa verified by SEC-MALS.

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Background

This gene encodes a member of the mannose receptor family of proteins that contain a fibronectin type II domain and multiple C-type lectin-like domains. The encoded protein plays a role in extracellular matrix remodeling by mediating the internalization and lysosomal degradation of collagen ligands. Expression of this gene may play a role in the tumorigenesis and metastasis of several malignancies including breast cancer, gliomas and metastatic bone disease.

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