

Human Angiotensinogen Protein, His Tag (MALS verified)

Catalog # ANN-H5243



BIOSYSTEMS
Acro

Synonym

ANHU, SERPINA8, hFLT1

Source

Human Angiotensinogen Protein, His Tag(ANN-H5243) is expressed from human 293 cells (HEK293). It contains AA Asp 34 - Ala 485 (Accession # [P01019-1](#)).

Predicted N-terminus: His

Molecular Characterization

Poly-his Angiotensinogen(Asp 34 - Ala 485)
P01019 -1

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

The protein has a calculated MW of 51.6 kDa. The protein migrates as 55-65 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 µg by the LAL method.

Purity

>90% as determined by SDS-PAGE.

>90% as determined by SEC-MALS.

Formulation

Lyophilized from 0.22 µm 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

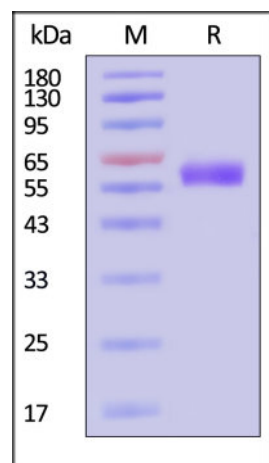
For long term storage, the product should be stored at lyophilized state at -20°C or lower.

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

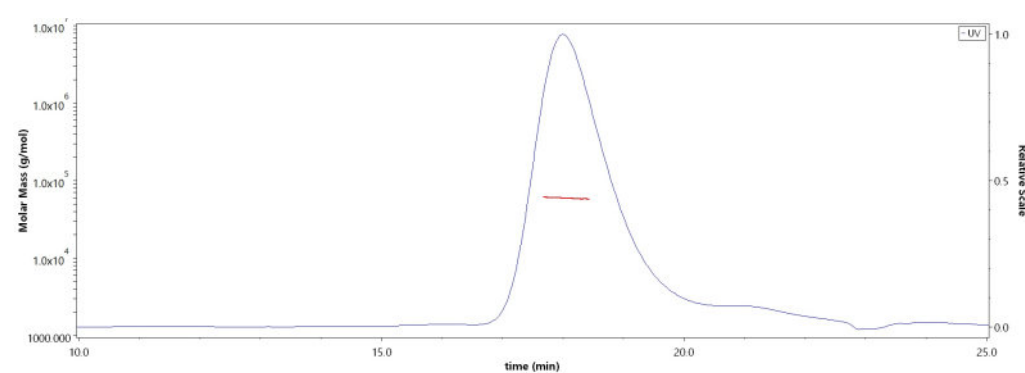
- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

SDS-PAGE



Human Angiotensinogen 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 Angiotensinogen Protein, His Tag (Cat. No. ANN-H5243) is more than 90% and the molecular weight of this protein is around 48-73 kDa verified by SEC-MALS.

[Report](#)

Background

The protein encoded by this gene, pre-angiotensinogen or angiotensinogen precursor, is expressed in the liver and is cleaved by the enzyme renin in response to lowered blood pressure. The resulting product, angiotensin I, is then cleaved by angiotensin co.

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