

Human Angiotensinogen/SerpinA8 (His Tag) recombinant protein



Catalog Number: 501652

General Information

Gene Name Synonym

Angiotensinogen (Serpine peptidase inhibitor, clade A, member 8), isoform CRA_a

Protein Construction

A DNA sequence encoding the human angiotensinogen (NP_000020.1) (Met 1-Ala 485) was fused with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 98 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Asp 34

Molecular Mass

The recombinant human angiotensinogen

comprises 463 amino acids and has a calculated molecular mass of 51.2 kDa. As a result of glycosylation, the apparent molecular mass of rh angiotensinogen is approximately 55-60 kDa in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

Storage

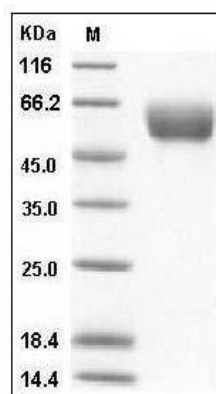
Store it under sterile conditions at -20°C to -80°C .

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human Angiotensinogen / SerpinA8 / AGT Protein (His Tag) SDS-PAGE