

# Rat Angiotensinogen/Serpina8 (His Tag) recombinant protein



Catalog Number: 502180

## General Information

### Gene Name Synonym

Serpin A8; Angiotensin-1; Angiotensin 1-10; Angiotensin I; Angiotensin-2; Angiotensin 1-8; Angiotensin II; Angiotensin-3; Angiotensin 2-8; Angiotensin III; Des-Asp[1]-angiotensin II; Angiotensin-4; Angiotensin 3-8; Angiotensin IV; Angiotensin 1-9; Angiotensin 1-7; Angiotensin 1-5; Angiotensin 1-4

### Protein Construction

A DNA sequence encoding the rat Agt (NP\_602308.1) (Met1-Val477) was expressed with a polyhistidine tag at the C-terminus.

### Organism

Rat

### Expression Host

Human Cells

## QC Testing

### Purity

> 95 % as determined by SDS-PAGE.

### Endotoxin

< 1.0 EU per µg 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 25

### Molecular Mass

The recombinant rat Agt consists 464 amino acids and predicts a molecular mass of 51 kDa.

### 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

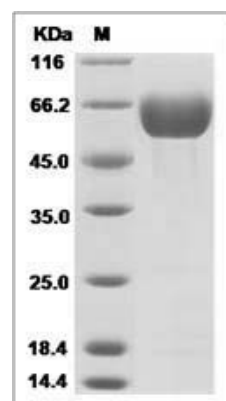
### Storage

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



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