

# Mouse Angiotensinogen/SerpinA8 (His Tag) recombinant protein



Catalog Number: 500395

## 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 mouse AGT (P11859) (Met 1-Val 477) was expressed, with a C-terminal polyhistidine tag.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Purity

> 96 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Asp 25

### Molecular Mass

The secreted recombinant mouse AGT consists of 464 amino acids and has a calculated molecular mass of 50.8 kDa. The apparent molecular mass of the recombinant mouse AGT is approximately 58 kDa in SDS-PAGE under reducing conditions due to glycosylation.

### 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

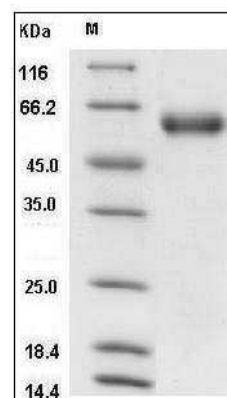
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . 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



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