

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 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 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

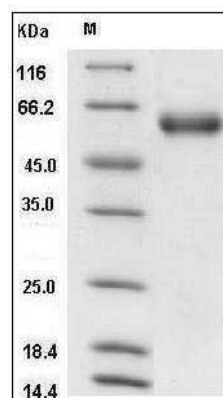
Storage

Store it under sterile conditions at -20°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



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