

# Mouse Neuroserpin/Serpini1 (His Tag) recombinant protein



Catalog Number: 502038

## General Information

### Gene Name Synonym

Peptidase inhibitor 12; Serine protease inhibitor 17; Serpin I1

### Protein Construction

A DNA sequence encoding the mouse SERPINI1 (O35684) (Met 1-Leu 410) was expressed, with a C-terminal polyhistidine tag.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Purity

> 95 % 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

Thr 17

### Molecular Mass

The secreted recombinant mouse SERPINI1

comprises 405 amino acids and has a calculated molecular mass of 46 kDa. The apparent molecular mass of rmSERPINI1 is approximately 45-50 kDa in SDS-PAGE under reducing conditions as a result of 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

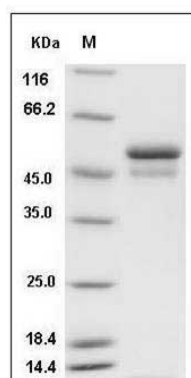
Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ .

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 SerpinI1 / Neuroserpin Protein (His Tag)  
SDS-PAGE