

Rat SerpinA1 (His Tag) recombinant protein



Catalog Number: 502073

General Information

Gene Name Synonym

Alpha-1-antitrypsin; Alpha-1-proteinase inhibitor; Serpin A1

Protein Construction

A DNA sequence encoding the rat SERPINA1 (NP_071964.2) (Met1-Arg411) 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

Glu 25

Molecular Mass

The recombinant rat SERPINA1 consists 398 amino acids and predicts a molecular mass of 45.2 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

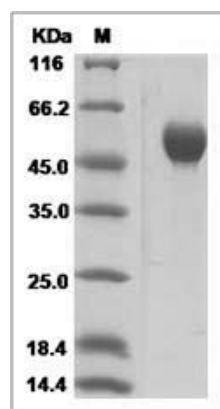
Storage

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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