

Rat PAI-1 / SerpinE1 (His Tag) recombinant protein



Catalog Number: 503954

General Information

Gene Name Synonym

Endothelial plasminogen activator inhibitor;
Serpin E1

Protein Construction

A DNA sequence encoding the rat SERPINE1 (NP_036752.1) (Met1-Pro402) 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 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

Ser 24

Molecular Mass

The recombinant rat SERPINE1 comprises 390 amino acids and predicts a molecular mass of 44.2 kDa. The apparent molecular mass of the recombinant protein is approximately 49 kDa in SDS-PAGE under reducing conditions.

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

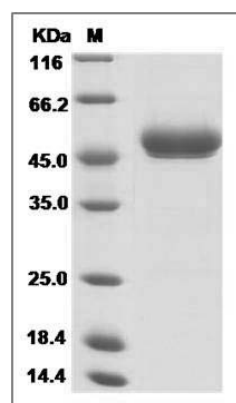
Storage

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



Rat SerpinE1 / PAI-1 Protein (His Tag) SDS-PAGE