

## Recombinant Feline Plasminogen Activator Inhibitor 1 (PAI-1)

Cat. No.: AP9C686

Product Type: Animal Proteins

Size: 20 µg; 100 µg; 1 mg

### Product Overview

BioVenic's Recombinant Feline Plasminogen Activator Inhibitor 1 (PAI-1) is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 29.7 kDa. The purity is >90% (SDS-PAGE).

### Specifications

Type	Recombinant Protein
Species	Feline
Expression System	<i>E.coli</i>
Purity	>90% (SDS-PAGE)
Predicted Molecular Weight	29.7 kDa
Physical State	Lyophilized
Formulation	The buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.

### Target Information

Feline plasminogen activator inhibitor 1 (PAI-1) is a serine protease inhibitor that regulates fibrinolysis. It plays a crucial role in the balance between blood coagulation and fibrin breakdown, affecting wound healing and preventing excessive bleeding. In veterinary medicine, PAI-1 levels can indicate clotting disorders and are implicated in diseases like thrombosis in cats.

Protein	Feline Plasminogen Activator Inhibitor 1 (PAI-1)
Gene ID	<a href="#">100127105</a>
UniProt ID	<a href="#">Q3SZT10</a>

### Shipping and Storage

This product is shipped with dry ice. It is recommended to aliquote as needed and store at -80°C upon receipt. Reconstituted protein solution can be stored at 4°C for 1 week, at < -80°C for 12 months. Avoid repeated freezing and thawing.

## User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in sterile distilled water to a concentration of 0.1-1.0 mg/mL. Aliquote the reconstituted solution to minimise freeze-thaw cycles.

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The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.