

Native Bovine Pancreatic Trypsin Inhibitor (PTI)

Cat. No.: AP2F52

Product Type: Animal Proteins

Size: 10 µg; 100 µg; 1mg

Product Overview

BioVenic's Native Bovine Pancreatic Trypsin Inhibitor (PTI) is a native protein derived from Bovine.

Specifications

Type	Native Protein
Species	Bovine
Source	Lung
Purity	>90% (SDS-PAGE)
Predicted Molecular Weight	6.5 kDa
Physical State	Lyophilized
Formulation	PBS, pH 7.4, 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Target Information

Bovine pancreatic trypsin inhibitor (BPTI) acts as an antifibrinolytic molecule by inhibiting enzymes such as trypsin and related proteolytic enzymes. Its main effect is slowing down fibrinolysis, the process that leads to the breakdown of blood clots. It is widely used as a valuable tool for studying protein-protein interactions and protein conformation at the molecular level.

Protein	Bovine Pancreatic Trypsin Inhibitor (PTI)
Protein Synonym	BPTI; Trasylol; Pancreatic Trypsin Inhibitor; Basic protease inhibitor; AP
Gene ID	404172
UniProt ID	A6QPK7

Shipping and Storage

Store at 2-8°C for up to 1 months. The lyophilized form has a shelf life of up to 12 months at -80°C. This product is shipped with gel ice packs. Avoid repeated freeze-thaw cycles.

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.