

Aprotinin Active Protein | PTI active protein

Aprotinin, Bovine Lung

CATALOG #
AAA44781

HOST
Bovine Lung

PRODUCT SYNONYMS

Aprotinin; Bovine Lung; Pancreatic Trypsin Inhibitor; Basic Protease Inhibitor; BPI; BPTI; PTI active protein

PRODUCT SPECIFICATIONS

Host	Bovine Lung
Purity/Purification	99.5% (HPLC)
Form/Format	Lyophilized powder
Sequence Length	59
CAS Number	9087-70-1
Appearance	White to off-white hygroscopic powder
Solubility	Clear, colorless (2 mg/mL water)
Activity	4.9 TIU/mg solid
Protein	0.91 mg protein/mg solid
pH	6.1 (5 mg/mL water)
Loss on Drying	5.2%
Handling Information	Reconstitute into provided container and centrifuge to ensure full recovery. Aliquot and freeze at -20°C after reconstitution. Handle as potentially hazardous substance.
Preparation and Storage	Shipping: Blue Ice Store at 2-8°C; Protect from moisture.

ADDITIONAL INFORMATION

Product Categories/Family for PTI active protein	Proteins; Antigens; Standards/controls; Native Proteins; Aprotinin
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NCBI AND UNIPROT INFORMATION

NCBI GI #	58005
NCBI GeneID	404172
UniProt Accession #	P00974
Molecular Weight	6,511
NCBI Official Full Name	aprotinin, partial
NCBI Official Synonym Full Names	pancreatic trypsin inhibitor<

NCBI Official Symbol	PTI
NCBI Official Synonym Symbols	BPI; BPTI
NCBI Protein Information	pancreatic trypsin inhibitor; aprotinin; basic protease inhibitor
UniProt Protein Name	Pancreatic trypsin inhibitor
UniProt Gene Name	BPI
UniProt Synonym Gene Names	BPTI
UniProt Entry Name	BPT1_BOVIN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/bovine-pti-active-protein/aprotinin/44781>