

Aprotinin

Item Number	rAP-2613
Synonyms	Pancreatic trypsin inhibitor, Basic protease inhibitor, BPI, BPTI, Aprotinin, AP.
Description	Aprotinin is a natural proteinase inhibitor polypeptide consisting of fifty-eight amino acids {C284H432N84O79S7} arranged in a single polypeptide chain, cross-linked by three disulfide bridges and having a molecular mass of 6512.
Uniprot Accession Number	P00974
Amino Acid Sequence	
Source	Bovine Lung.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized Aprotinin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Aprotinin should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Formulation and Purity	The protein (1mg/ml) was lyophilized with no additives.
Application	
Solubility	It is recommended to reconstitute the lyophilized Aprotinin in sterile 18MΩ-cm H ₂ O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**