

Aprotinin Protein Recombinant Protein



RPPB2898

Product Information Protein Information

Product SKU:

RPPB2898

Accession:

P00974

Host:

Bovine Lung.

Protein 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.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Pancreatic trypsin inhibitor, Basic protease inhibitor, BPI, BPTI, Aprotinin, AP.

Formulation:

The protein (1mg/ml) was lyophilized with no additives.

Solubility:

It is recommended to reconstitute the lyophilized Aprotinin in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

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.