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Genaxxon BioScience

Recombinant Bovine Aprotinin
recAP

Product	Cat#	Package size
Recombinant Bovine Aprotinin	M6383.0100	100mg
Recombinant Bovine Aprotinin	M6383.0025	25mg
Recombinant Bovine Aprotinin	M6383.0010	10mg

Product description

Recombinant Bovine Aprotinin is approximately 6,512 Dalton highly purified and designed specifically for cell culture applications, protein purification, diagnostic testing and pharmaceuticals.

It is produced without the use of animal- or human-derived materials and is therefore free from risk of contaminating human or animal-derived viruses or prions. It is purified by proprietary chromatographic techniques and lyophilised afterwards.

Source

Maize (Corn)

Activity / Unit definition

4.6 TIU/mg

One Trypsin Inhibitory Unit (TIU) is equal to the amount of inhibitor with the ability to inhibit two trypsin units by 50% where one trypsin unit will hydrolyze 1.0mmol of N-alpha-benzoyl-DL-Arginine-p-Nitroanilide (BAPNA) per minute at pH 7.8 at 25°C

Purity

Greater than 90% by Gel electrophoresis.

Formulation

The sterile filtered solution was lyophilised from water (1mg/mL) containing no additives.

Stability

The lyophilized protein is stable for a few weeks at room temperature, but best stored desiccated at –20°C. Reconstituted Aprotinin should be stored at 4°C between 2 -7 days and for future use below -20°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent from repeated freeze-thawing cycles.

Reconstitution

We recommend to reconstitute the lyophilised rHuIL-6 in sterile 18MΩ/cm water not less than 100µg/mL, which can then be further diluted to other aqueous solutions. This solution can then be stored at 4°C for 1 week or -20°C for future use.

Usage

This product is for research/laboratory usage only. It may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.