

Bioactive

Elastase (Porcine), 2x

Catalog # P5226

Size 25 mg

Specification

Product Description	Lyophilized. Dialyzed. 2x crystalline. The enzyme must be 0.22 um filtered after reconstitution and prior to use.
Biological function	Elastase is a serine protease similar to trypsin and chymotrypsin that also hydrolyses amides and ester, it is unique among proteases in its ability to hydrolyze native elastin, a substrate not attacked by trypsin, chymotrypsin or pepsin.
Host	Pig
Theoretical MW (kDa)	25.9
Form	Lyophilized
Preparation Method	Native protein purified from Porcine Pancreas
Activity	≥ 3 units per mg protein. One Unit cleaves one micromole of N-succinyl-L-alanyl-L-alanyl-L-alanine-p-nitroanilide per minute at 25°C, pH 8.0.
Recommend Usage	Elastase Assay; Isolation of Type II lung cells.
Storage Instruction	Store at 4°C.

Applications

- Enzyme Activity