

CELA1

Native Porcine Chymotrypsin-like Elastase 1 Pancreatic

Catalog No.	CSI10410A CSI10410B	Quantity:	1000 U 10 KU
Description:	Elastases form a subfamily of serine proteases that hydrolyze many proteins in addition to elastin. Humans have six Elastase genes which encode the structurally similar proteins Elastase 1, 2, 2A, 2B, 3A, and 3B.		
Gene ID:	109901		
E.C. Number:	3.4.21.36		
Source:	Porcine Pancreas		
Formulation:	Lyophilized		
Biological Activity:	4.5 Unit/mg powder		
Unit Definition:	One unit will hydrolyze one micromole of methoxy succinyl-alanine-alanine-proline-valine-p-nitroanilide per minute at 37°C and pH 7.5		
Specific Activity:	Typically >0.25 mg Protein/mg (Coomassie)		
Protein:	Typically >4.5 U/mg powder		
Applications:	Tissue Dissociation, Cell Isolation		
Storage & Stability:	Store at -20°C. 1 year. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

