

# Elastase $\geq 30$ u/mg

Cat# ER1015 – 1 g | ER1016 – 5 g

Storage at  $-20^{\circ}\text{C}$ 

## INTRODUCTION

Elastase hydrolyses elastin, the specific protein of elastic fibers, and digests hemoglobin, casein and fibrin. Elastase purified from porcine pancreas is a single polypeptide chain of 240 amino acid residues. The pH optimum is found to be 8.0-8.5. The molecular mass is approximately 25.9 kDa. Specific activity of Elastase is greater than 30 unit/mg.

## INFORMATION

**Purity/Assay:** BioChemika Grade

**Appearance:** Freeze-dried white powder

**CAS:** 39445-21-1

**MDL:** MFCD00130998

**Synonyms:** E.C.3.4.21.36; Elastase, porcine pancreas; pancreatic from porcine pancreas; Pancreatopeptidase E

## PRODUCT USE LIMITATION

These products are intended for research use only.