Creative Enzymes®

Native Porcine Peptidase

Cat. No. NATE-0548

Lot. No. (See product label)

Introduction

Description	A protease (also called peptidase or proteinase) is any enzyme that performs proteolysis, that is, begins protein catabolism by hydrolysis of the peptide bonds that link amino acids together in a polypeptide chain. Proteases have evolved multiple times, and different classes of protease can perform the same reaction by completely different catalytic mechanisms. Proteases can be found in animals, plants, bacteria, archaea and viruses.
Applications	A protease (also called peptidase or proteinase) is any enzyme that performs proteolysis, that is, begins protein catabolism by hydrolysis of the peptide bonds that link amino acids together in a polypeptide chain. Proteases have evolved multiple times, and different classes of protease can perform the same reaction by completely different catalytic mechanisms. Proteases can be found in animals, plants, bacteria, archaea and viruses.
Synonyms	protease; peptidase; proteinase; 9031-96-3

Product Information

Species	Porcine
Source	Porcine intestinal mucosa
CAS No.	9031-96-3
Activity	≥ 500 U/g
Unit Definition	One unit will liberate 1.0 μmole of β-naphthylamine from L-leucine β-naphthylamide per min at pH 7.1 at 37°C.

Storage and Shipping Information

Storage	−20°C