

## 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**  $\geq 500$  U/g

**Unit Definition** One unit will liberate 1.0  $\mu$ mole of  $\beta$ -naphthylamine from L-leucine  $\beta$ -naphthylamide per min at pH 7.1 at 37°C.

### Storage and Shipping Information

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