

## papain

Cat. No. EXWM-4197

Lot. No. (See product label)

### Introduction

#### Description

Type example of peptidase family C1 from latex of the papaya (*Carica papaya*) fruit. Inhibited by compound E-64 and proteins of the cystatin family.

#### Synonyms

papayotin; summetrin; velardon; papaine; Papaya peptidase I

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.4.22.2

#### CAS No.

9001-73-4

#### Reaction

Hydrolysis of proteins with broad specificity for peptide bonds, but preference for an amino acid bearing a large hydrophobic side chain at the P2 position. Does not accept Val in P1'

#### Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

### Storage and Shipping Information

#### Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.