

## stem bromelain

Cat. No. EXWM-4207

Lot. No. (See product label)

### Introduction

#### Description

The most abundant of the cysteine endopeptidases of the stem of the pineapple plant, *Ananas comosus*. Distinct from the bromelain found in the pineapple fruit (EC 3.4.22.33). Scarcely inhibited by chicken cystatin and also very slowly inactivated by E-64. In peptidase family C1 (papain family).

#### Synonyms

bromelain; pineapple stem bromelain

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.4.22.32

#### CAS No.

37189-34-7

#### Reaction

Broad specificity for cleavage of proteins, but strong preference for Z-Arg-Arg-NHMe amongst small molecule substrates

#### 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.