

## calpain-1

Cat. No. EXWM-4227

Lot. No. (See product label)

### Introduction

#### Description

In peptidase family C2. Requires  $\text{Ca}^{2+}$  at micromolar concentrations for activity. Cytosolic in animal cells. The active enzyme molecule is a heterodimer in which the large subunit contains the peptidase unit, and the small subunit is also a component of EC 3.4.22.53, calpain-2.

#### Synonyms

$\mu$ -calpain; calcium-activated neutral protease I

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.4.22.52

#### CAS No.

78990-62-2

#### Reaction

Broad endopeptidase specificity

#### 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.