

## physarolisin

Cat. No. EXWM-4098

Lot. No. (See product label)

### Introduction

#### Description

Belongs in peptidase family S53. From the slime mold *Physarum polycephalum*. Is not inhibited by pepstatin, but is blocked by methyl 2-diazoacetamidohexanoate. Closely similar enzymes are found in *Dictyostelium discoideum* and *P. flavicomum*. Formerly included in EC 3.4.23.6.

#### Synonyms

*Dictyostelium discoideum* aspartic proteinase; *Dictyostelium discoideum* aspartic proteinase E; *Physarum flavicomum* aspartic proteinase; *Physarum polycephalum* acid proteinase; *Physarum* aspartic proteinase; physaropepsin

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.4.21.103

#### CAS No.

94949-28-7

#### Reaction

Milk clotting activity. Preferential cleavage of Gly8↓Ser in B chain of insulin most rapidly, followed by Leu11↓Val, Cys(SO<sub>3</sub>H)19↓Gly and Phe24↓Phe. No action on Ac-Phe-Tyr(I)2.

#### 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.