

## plasmepsin I

Cat. No. EXWM-4274

Lot. No. (See product label)

### Introduction

#### Description

Known from the malaria organism, Plasmodium. About 37 kDa. In peptidase family A1 (pepsin A family), closest to cathepsin D and renin in structure. Inhibited by pepstatin. Formerly included in EC 3.4.23.6

#### Synonyms

aspartic hemoglobinase I; PFAPG; malaria aspartic hemoglobinase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.4.23.38

#### CAS No.

180189-87-1

#### Reaction

Hydrolysis of the -Phe33+Leu- bond in the  $\alpha$ -chain of hemoglobin, leading to denaturation of the molecule

#### 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.