Creative Enzymes®

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 α-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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.