Creative Enzymes®

venombin A

Cat. No. EXWM-4166

Lot. No. (See product label)

Introduction

Description	A somewhat thrombin-like enzyme from venoms of snakes of the viper/rattlesnake group. Species variants of the enzyme include ancrod from Agkistrodon rhodostoma (Malayan pit viper) (formerly EC 3.4.21.28), batroxobin from Bothrops atrox (South American pit viper) (formerly EC 3.4.21.29) and crotalase from Crotalus adamanteus (Eastern diamondback rattlesnake) (formerly EC 3.4.21.30). In peptidase family S1 (trypsin family). Does not require activation by Ca2+
Synonyms	α-fibrinogenase; habutobin; zinc metalloproteinase Cbfib1.1; zinc metalloproteinase Cbfib1.2; zinc metalloproteinase Cbfib2; ancrod; (see also Comments)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.4.21.74
CAS No.	146240-35-9
Reaction	Selective cleavage of Arg┼ bond in fibrinogen, to form fibrin, and release fibrinopeptide A. The specificity of further degradation of fibrinogen varies with species origin of the enzyme
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 ℃.