Creative Enzymes®

atrolysin A

Cat. No. EXWM-4291

Lot. No. (See product label)

Introduction

Description	A hemorrhagic endopeptidase of 68 kDa, one of six hemorrhagic toxins in the venom of western diamondback rattlesnake. The 60 kDa hemorrhagic toxin 1 of Crotalus ruber ruber shows identical specificity. In peptidase family M12 (astacin family). Related metalloendopeptidases from rattlesnake venoms are EC 3.4.24.41 (atrolysin B), EC 3.4.24.42 (atrolysin C), EC 3.4.24.43 (atroxase), EC 3.4.24.44 (atrolysin E), EC 3.4.24.45 (atrolysin F), EC 3.4.24.46 (adamalysin), EC 3.4.24.47 (horrilysin), and EC 3.4.24.48 (ruberlysin)
Synonyms	Crotalus atrox metalloendopeptidase a; hemorrhagic toxin a; Crotalus atrox α-proteinase; Crotalus atrox proteinase; bothropasin

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.4.24.1
CAS No.	37288-82-7
Reaction	Cleavage of Asn3┼Gln, His5┼Leu, His10┼Leu, Ala14┼Leu and Tyr16┼Leu in insulin B chain; removes C-terminal Leu from small peptides
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 ℃.