

## atrolysin C

Cat. No. EXWM-4324

Lot. No. (See product label)

### Introduction

#### Description

A 24 kDa hemorrhagic endopeptidase from the venom of the western diamondback rattlesnake (*Crotalus atrox*) that digests type IV collagen, and exists as two forms, c and d. Phosphoramidon inhibits in the 0.1 mM range. In peptidase family M12 (astacin family). Hemorrhagic toxin-2 of *C. ruber ruber* has the same Mr and specificity and is a homologue.

#### Synonyms

*Crotalus atrox* metalloendopeptidase c; hemorrhagic toxin c and d

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.4.24.42

#### CAS No.

158886-17-0

#### Reaction

Cleavage of His5+Leu, His10+Leu, Ala14+Leu, Tyr16+Leu and Gly23+Phe bonds in B chain of insulin. With small molecule substrates prefers hydrophobic residue at P2' and small residue such as Ala, Gly at P1

#### 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.