

## 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.