

## 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*  $\alpha$ -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 °C for short term. For long term storage, store it at -20 °C~-80 °C.