

anthrax lethal factor endopeptidase

Cat. No. EXWM-4367

Lot. No. (See product label)

Introduction

Description

From the bacterium *Bacillus anthracis* that causes anthrax. One of three proteins that are collectively termed anthrax toxin. Cleaves several MAP kinase kinases near their N-termini, preventing them from phosphorylating the downstream mitogen-activated protein kinases. In peptidase family M34.

Synonyms

lethal toxin

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.4.24.83

CAS No.

477950-41-7

Reaction

Preferred amino acids around the cleavage site can be denoted BBBBxHx↓H, in which B denotes Arg or Lys, H denotes a hydrophobic amino acid, and x is any amino acid. The only known protein substrates are mitogen-activated protein (MAP) kinase kinases

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.