

## insulysin

Cat. No. EXWM-4338

Lot. No. (See product label)

### Introduction

#### Description

A 110 kDa cytosolic enzyme, known from mammals and the fruit fly, *Drosophila melanogaster*. Inhibited by bacitracin, chelating agents EDTA and 1,10-phenanthroline, and by thiol-blocking reagents such as N-ethylmaleimide, but not by phosphoramidon. In peptidase family M16 (pitrilysin family).

#### Synonyms

insulinase; insulin-degrading enzyme; insulin protease; insulin proteinase; insulin-degrading neutral proteinase; insulin-specific protease; insulin-glucagon protease; metalloinsulinase; IDE

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.4.24.56

#### CAS No.

9013-83-6

#### Reaction

Degradation of insulin, glucagon and other polypeptides. No action on proteins

#### 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.