

signal peptidase II

Cat. No. EXWM-4273

Lot. No. (See product label)

Introduction

Description

An 18-kDa enzyme present in bacterial inner membranes. Inhibited by pepstatin and the antibiotic globomycin. Type example of peptidase family A8.

Synonyms

premurein-leader peptidase; prolipoprotein signal peptidase; leader peptidase II; premurein leader proteinase; leader peptidase II

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.4.23.36

CAS No.

171715-14-3

Reaction

Release of signal peptides from bacterial membrane prolipoproteins including murein prolipoprotein. Hydrolyses -Xaa-Yaa-Zaa-(S,diacylglycerol)Cys-, in which Xaa is hydrophobic (preferably Leu), and Yaa (Ala or Ser) and Zaa (Gly or Ala) have small, neutral sidechains

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.