Creative Enzymes®

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,diacylglyceryl)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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.