

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