

N-acetylmuramic acid 6-phosphate etherase

Cat. No. EXWM-4967

Lot. No. (See product label)

Introduction

Description

This enzyme, along with EC 2.7.1.170, anhydro-N-acetylmuramic acid kinase, is required for the utilization of anhydro-N-acetylmuramic acid in proteobacteria. The substrate is either imported from the medium or derived from the bacterium's own cell wall murein during cell wall recycling.

Synonyms

MurNAc-6-P etherase; MurQ

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 4.2.1.126

Reaction

(R)-lactate + N-acetyl-D-glucosamine 6-phosphate = N-acetylmuramate 6-phosphate + H₂O

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.