Creative Enzymes®

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