

N-acetylglucosamine-6-phosphate deacetylase

Cat. No. EXWM-4415

Lot. No. (See product label)

Introduction

Description

This enzyme belongs to the family of hydrolases, those acting on carbon-nitrogen bonds other than peptide bonds, specifically in linear amides. The systematic name of this enzyme class is N-acetyl-D-glucosamine-6-phosphate amidohydrolase. Other names in common use include acetylglucosamine phosphate deacetylase, acetylaminodeoxyglucosephosphate acetylhydrolase, and 2-acetamido-2-deoxy-D-glucose-6-phosphate amidohydrolase. This enzyme participates in aminosugars metabolism.

Synonyms

acetylglucosamine phosphate deacetylase; acetylaminodeoxyglucosephosphate acetylhydrolase; 2-acetamido-2-deoxy-D-glucose-6-phosphate amidohydrolase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.5.1.25

CAS No.

9027-50-3

Reaction

N-acetyl-D-glucosamine 6-phosphate + H₂O = D-glucosamine 6-phosphate + acetate

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.