

glucosamine-phosphate N-acetyltransferase

Cat. No. EXWM-2218

Lot. No. (See product label)

Introduction

Description

This enzyme belongs to the family of transferases, specifically those acyltransferases transferring groups other than aminoacyl groups. This enzyme participates in glutamate metabolism and aminosugars metabolism.

Synonyms

phosphoglucosamine transacetylase; phosphoglucosamine acetylase; glucosamine-6-phosphate acetylase; D-glucosamine-6-P N-acetyltransferase; aminodeoxyglucosephosphate acetyltransferase; glucosamine 6-phosphate acetylase; glucosamine 6-phosphate N-acetyltransferase; N-acetylglucosamine-6-phosphate synthase; phosphoglucosamine N-acetylase; glucosamine-6-phosphate N-acetyltransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.3.1.4

CAS No.

9031-91-8

Reaction

acetyl-CoA + D-glucosamine 6-phosphate = CoA + N-acetyl-D-glucosamine 6-phosphate

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.