Creative Enzymes®

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