Creative Enzymes®

N-acetylglucosamine deacetylase

Cat. No. EXWM-4423

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 amidohydrolase. Other names in common use include acetylaminodeoxyglucose acetylhydrolase, and N-acetyl-D-glucosaminyl N-deacetylase. This enzyme participates in aminosugars metabolism.
Synonyms	acetylaminodeoxyglucose acetylhydrolase; N-acetyl-D-glucosaminyl N-deacetylase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.5.1.33
CAS No.	9012-32-2
Reaction	N-acetyl-D-glucosamine + H2O = D-glucosamine + 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.