

N-acetylglucosamine-1-phosphodiester α -N-acetylglucosaminidase

Cat. No. EXWM-3729

Lot. No. (See product label)

Introduction

Description

Acts on a variety of compounds in which N-acetyl-D-glucosamine is α -linked to a phosphate group, including the biosynthetic intermediates of the high mannose oligosaccharide components of some lysosomal enzymes and the products of EC 2.7.8.17 UDP-N-acetylglucosamine-lysosomal-enzyme N-acetylglucosaminophosphotransferase.

Synonyms

α -N-acetylglucosaminyl phosphodiesterase; lysosomal α -N-acetylglucosaminidase; phosphodiester glycosidase; α -N-acetyl-D-glucosamine-1-phosphodiester N-acetylglucosaminidase; 2-acetamido-2-deoxy- α -D-glucose 1-phosphodiester acetamidodeoxyglucohydrolase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.1.4.45

CAS No.

75788-84-0

Reaction

glycoprotein N-acetyl-D-glucosaminyl-phospho-D-mannose + H₂O = N-acetyl-D-glucosamine + glycoprotein phospho-D-mannose

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.