

N-acetylglucosaminylphosphatidylinositol deacetylase

Cat. No. EXWM-4480

Lot. No. (See product label)

Introduction

Description

Involved in the second step of glycosylphosphatidylinositol (GPI) anchor formation in all eukaryotes. The enzyme appears to be composed of a single subunit (PIG-L in mammalian cells and GPI12 in yeast). In some species, the long-chain sn-1-acyl group of the phosphatidyl group is replaced by a long-chain alkyl or alk-1-enyl group.

Synonyms

N-acetyl-D-glucosaminylphosphatidylinositol acetylhydrolase; N-acetylglucosaminylphosphatidylinositol de-N-acetylase; GlcNAc-PI de-N-acetylase; GlcNAc-PI deacetylase; acetylglucosaminylphosphatidylinositol deacetylase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.5.1.89

CAS No.

122191-30-4

Reaction

6-(N-acetyl- α -D-glucosaminyl)-1-phosphatidyl-1D-myo-inositol + H₂O = 6-(α -D-glucosaminyl)-1-phosphatidyl-1D-myo-inositol + 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.