Creative Enzymes®

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