

## phosphatidylinositol N-acetylglucosaminyltransferase

Cat. No. EXWM-2425

Lot. No. (See product label)

### Introduction

#### Description

Involved in the first step of glycosylphosphatidylinositol (GPI) anchor formation in all eukaryotes. In mammalian cells, the enzyme is composed of at least five subunits (PIG-A, PIG-H, PIG-C, GPI1 and PIG-P). PIG-A subunit is the catalytic subunit. In some species, the long-chain acyl groups of the phosphatidyl group are partly replaced by long-chain alkyl or alk-1-enyl groups.

#### Synonyms

UDP-N-acetyl-D-glucosamine:phosphatidylinositol N-acetyl-D-glucosaminyltransferase; uridine diphosphoacetylglucosamine  $\alpha$ 1,6-acetyl-D-glucosaminyltransferase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.4.1.198

#### CAS No.

144388-35-2

#### Reaction

UDP-N-acetyl-D-glucosamine + 1-phosphatidyl-1D-myo-inositol = UDP + 6-(N-acetyl- $\alpha$ -D-glucosaminyl)-1-phosphatidyl-1D-myo-inositol

#### 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.