

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 α 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- α -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.