

dolichyl N-acetyl- α -D-glucosaminyl phosphate 3- β -D-2,3-diacetamido-2,3-dideoxy- β -D-glucuronosyltransferase

Cat. No. EXWM-2573

Lot. No. (See product label)

Introduction

Description

The enzyme, characterized from the methanogenic archaeon *Methanococcus voltae*, participates in the N-glycosylation of proteins. Dolichol used by archaea is different from that used by eukaryotes. It is much shorter (C55-C60), it is α,ω -saturated and it may have additional unsaturated positions in the chain.

Synonyms

AglC; UDP-Glc-2,3-diNAcA glycosyltransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.4.1.335

Reaction

UDP-2,3-diacetamido-2,3-dideoxy- α -D-glucuronate + an archaeal dolichyl N-acetyl- α -D-glucosaminyl phosphate = UDP + an archaeal dolichyl 3-O-(2,3-diacetamido-2,3-dideoxy- β -D-glucuronsyl)-N-acetyl- α -D-glucosaminyl phosphate

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.