Creative Enzymes®

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