Creative Enzymes®

UDP-N-acetylglucosamine-dolichyl-phosphate N-acetylglucosaminyltransferase

Cat. No. EXWM-2379

Lot. No. (See product label)

Introduction

Description	The enzyme, characterized from the methanogenic archaeon Methanococcus voltae, initiates N-linked glycosylation in that organism. The enzyme differs from the eukaryotic enzyme, which leaves one additional phosphate group on the dolichyl product (cf. EC 2.7.8.15, UDP-N-acetylglucosamine-dolichyl-phosphate N-acetylglucosaminephosphotransferase).
Synonyms	aglK (gene name); dolichyl-phosphate α-N-acetylglucosaminyltransferase; UDP-N-acetyl-D-glucosamine:dolichyl-phosphate α-N-acetyl-D-glucosaminyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.4.1.153
CAS No.	63363-73-5
Reaction	UDP-N-acetyl-α-D-glucosamine + dolichyl phosphate = UDP + dolichyl 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 ℃.