

## 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  $\alpha$ -N-acetylglucosaminyltransferase; UDP-N-acetyl-D-glucosamine:dolichyl-phosphate  $\alpha$ -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- $\alpha$ -D-glucosamine + dolichyl phosphate = UDP + dolichyl N-acetyl- $\alpha$ -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.