

## $\alpha$ -1,6-mannosyl-glycoprotein 2- $\beta$ -N-acetylglucosaminyltransferase

Cat. No. EXWM-2369

Lot. No. (See product label)

### Introduction

#### Description

R represents the remainder of the N-linked oligosaccharide in the glycoprotein acceptor. Note that this enzyme acts after N-acetylglucosaminyltransferase I but before N-acetylglucosaminyltransferases III, IV, V and VI (click here for diagram).

#### Synonyms

N-acetylglucosaminyltransferase II; N-glycosyl-oligosaccharide-glycoprotein N-acetylglucosaminyltransferase II; acetylglucosaminyltransferase II; uridine diphosphoacetylglucosamine-mannoside  $\alpha$ 1 $\rightarrow$ 6-acetylglucosaminyltransferase; uridine diphosphoacetylglucosamine- $\alpha$ -1,6-mannosylglycoprotein  $\beta$ -1-2-N-acetylglucosaminyltransferase; uridine diphosphoacetylglucosamine- $\alpha$ -D-mannoside  $\beta$ 1-2-acetylglucosaminyltransferase; UDP-GlcNAc:mannoside  $\alpha$ 1-6 acetylglucosaminyltransferase;  $\alpha$ -1,6-mannosyl-glycoprotein  $\beta$ -1,2-N-acetylglucosaminyltransferase; GnTII

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.4.1.143

#### CAS No.

105913-04-0

#### Reaction

UDP-N-acetyl-D-glucosamine + 6-( $\alpha$ -D-mannosyl)- $\beta$ -D-mannosyl-R = UDP + 6-(2-[N-acetyl- $\beta$ -D-glucosaminyl]- $\alpha$ -D-mannosyl)- $\beta$ -D-mannosyl-R

#### 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.