

## α-1,6-mannosyl-glycoprotein 2-β-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 α1→6-acetylglucosaminyltransferase; uridine diphosphoacetylglucosamine-α-1,6-mannosylglycoprotein β-1-2-N-acetylglucosaminyltransferase; uridine diphosphoacetylglucosamine-α-D-mannoside β1-2-acetylglucosaminyltransferase; UDP-GlcNAc:mannoside α1-6 acetylglucosaminyltransferase; α-1,6-mannosyl-glycoprotein β-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**  $\text{UDP-N-acetyl-D-glucosamine} + 6-(\alpha\text{-D-mannosyl})\text{-}\beta\text{-D-mannosyl-R} = \text{UDP} + 6\text{-(2-[N-acetyl-}\beta\text{-D-glucosaminyl]-}\alpha\text{-D-mannosyl})\text{-}\beta\text{-D-mannosyl-R}$

**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.