

## mannotetraose 2- $\alpha$ -N-acetylglucosaminyltransferase

Cat. No. EXWM-2363

Lot. No. (See product label)

### Introduction

**Description** This enzyme belongs to the family of glycosyltransferases, specifically the hexosyltransferases.

**Synonyms**  $\alpha$ -N-acetylglucosaminyltransferase; uridine diphosphoacetylglucosamine mannoside  $\alpha$ 1 $\rightarrow$ 2-acetylglucosaminyltransferase; UDP-N-acetyl-D-glucosamine:mannotetraose  $\alpha$ -N-acetyl-D-glucosaminyltransferase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.4.1.138

**CAS No.** 81032-47-5

**Reaction** UDP-N-acetyl- $\alpha$ -D-glucosamine +  $\alpha$ -D-Man-(1 $\rightarrow$ 3)- $\alpha$ -D-Man-(1 $\rightarrow$ 2)- $\alpha$ -D-Man-(1 $\rightarrow$ 2)-D-Man = UDP +  $\alpha$ -D-Man-(1 $\rightarrow$ 3)-[ $\alpha$ -D-GlcNAc-(1 $\rightarrow$ 2)]- $\alpha$ -D-Man-(1 $\rightarrow$ 2)- $\alpha$ -D-Man-(1 $\rightarrow$ 2)-D-Man

**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.