

## protein O-mannose $\beta$ -1,4-N-acetylglucosaminyltransferase

Cat. No. EXWM-2548

Lot. No. (See product label)

### Introduction

**Description** The human protein is involved in the formation of a phosphorylated trisaccharide on a threonine residue of  $\alpha$ -dystroglycan, an extracellular peripheral glycoprotein that acts as a receptor for extracellular matrix proteins containing laminin-G domains.

**Synonyms** GTDC2 (gene name); POMGNT2

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.4.1.312

**Reaction** UDP-N-acetyl- $\alpha$ -D-glucosamine + 3-O-( $\alpha$ -D-mannosyl)-L-threonyl-[protein] = UDP + 3-O-[N-acetyl- $\beta$ -D-glucosaminyl-(1 $\rightarrow$ 4)- $\alpha$ -D-mannosyl]-L-threonyl-[protein]

**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.