

## chitin synthase

Cat. No. EXWM-2384

Lot. No. (See product label)

### Introduction

**Description** Converts UDP-N-acetyl- $\alpha$ -D-glucosamine into chitin and UDP.

**Synonyms** chitin-UDP N-acetylglucosaminyltransferase; chitin-uridine diphosphate acetylglucosaminyltransferase; chitin synthetase; trans-N-acetylglucosaminosylase; UDP-N-acetyl-D-glucosamine:chitin 4- $\beta$ -N-acetylglucosaminyl-transferase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.4.1.16

**CAS No.** 9030-18-6

**Reaction** UDP-N-acetyl- $\alpha$ -D-glucosamine + [4]-N-acetyl- $\beta$ -D-glucosaminyl-(1 $\rightarrow$ )n = UDP + [4]-N-acetyl- $\beta$ -D-glucosaminyl-(1 $\rightarrow$ )n+1

**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.