

## starch synthase (maltosyl-transferring)

Cat. No. EXWM-2700

Lot. No. (See product label)

### Introduction

#### Description

The enzyme from the bacterium *Mycobacterium smegmatis* is specific for maltose. It has no activity with  $\alpha$ -D-glucose.

#### Synonyms

$\alpha$ 1,4-glucan:maltose-1-P maltosyltransferase; GMPMT

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.4.99.16

#### Reaction

$\alpha$ -maltose 1-phosphate + [(1 $\rightarrow$ 4)- $\alpha$ -D-glucosyl] $_n$  = phosphate + [(1 $\rightarrow$ 4)- $\alpha$ -D-glucosyl] $_n$ +2

#### 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.