

## cellodextrin phosphorylase

Cat. No. EXWM-2595

Lot. No. (See product label)

### Introduction

#### Description

This enzyme belongs to GH (glycoside hydrolases) family 94. The systematic name of this enzyme class is 1,4-beta-D-oligo-D-glucan:phosphate alpha-D-glucosyltransferase. This enzyme is also called beta-1,4-oligoglucan:orthophosphate glucosyltransferase.

#### Synonyms

$\beta$ -1,4-oligoglucan:orthophosphate glucosyltransferase; 1,4- $\beta$ -D-oligo-D-glucan:phosphate  $\alpha$ -D-glucosyltransferase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.4.1.49

#### CAS No.

37277-58-0

#### Reaction

$[(1\rightarrow4)\text{-}\beta\text{-D-glucosyl}]_n + \text{phosphate} = [(1\rightarrow4)\text{-}\beta\text{-D-glucosyl}]_{n-1} + \alpha\text{-D-glucose 1-phosphate}$

#### 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.