

1,2- β -oligoglucan phosphorylase

Cat. No. EXWM-2571

Lot. No. (See product label)

Introduction

Description

The enzyme has been isolated from the bacterium *Listeria innocua*. It catalyses the reversible phosphorolysis of β -(1 \rightarrow 2)-D-glucans. The minimum length of the substrate for the phosphorolytic reaction is 3 D-glucose units. In the synthetic reaction starting from sophorose and α -D-glucose 1-phosphate the average polymerisation degree is 39.

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.4.1.333

Reaction

$[(1\rightarrow2)\text{-}\beta\text{-D-glucosyl}]_n + \text{phosphate} = [(1\rightarrow2)\text{-}\beta\text{-D-glucosyl}]_{n-1} + \alpha\text{-D-glucose 1-phosphate}$

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.