Creative Enzymes®

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→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→2)-β-D-glucosyl]n + phosphate = [(1→2)-β-D-glucosyl]n-1 + α-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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.