Creative Enzymes®

# 1,3-β-D-glucan phosphorylase

*Cat. No. EXWM-2636*

*Lot. No.* (See product label)

## Introduction

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| ***Description*** | Acts on a range of β-1,3-oligoglucans, and on glucans of laminarin type. Different from EC 2.4.1.30 (1,3-β-oligoglucan phosphorylase) and EC 2.4.1.31 (laminaribiose phosphorylase). |
| ***Synonyms*** | laminarin phosphoryltransferase; 1,3-β-D-glucan:orthophosphate glucosyltransferase; 1,3-β-D-glucan:phosphate α-D-glucosyltransferase |

## Product Information

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|---|---|
| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 2.4.1.97 |
| ***CAS No.*** | 37340-31-1 |
| ***Reaction*** | [(1→3)-β-D-glucosyl]n + phosphate = [(1→3)-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

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| ***Storage*** | Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃. |