

1,3-β-D-glucan phosphorylase

Cat. No. EXWM-2636

Lot. No. (See product label)

Introduction

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

Form

Liquid or lyophilized powder

EC Number

EC 2.4.1.97

CAS No.

37340-31-1

Reaction

$[(1\rightarrow3)\text{-}\beta\text{-D-glucosyl}]_n + \text{phosphate} = [(1\rightarrow3)\text{-}\beta\text{-D-glucosyl}]_{n-1} + \alpha\text{-D-glucose 1-phosphate}$

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.