Creative Enzymes®

1,3-α-oligoglucan phosphorylase

Cat. No. EXWM-2572

Lot. No. (See product label)

Introduction

Description	The enzyme, isolated from the bacterium Clostridium phytofermentans, catalyses a reversible reaction. Substrates for the phosphorolytic reaction are α-1,3-linked oligoglucans with a polymerisation degree of 3 or more. Nigerose (i.e. 3-O-α-D-glucopyranosyl-D-glucopyranose) is not phosphorylyzed but can serve as substrate in the reverse direction (cf. EC 2.4.1.279, nigerose phosphorylase).

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.4.1.334
Reaction	[(1→3)-α-D-glucosyl]n + phosphate = [(1→3)-α-D-glucosyl]n-1 + β-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 ℃.