

1,3-β-glucan synthase

Cat. No. EXWM-2578

Lot. No. (See product label)

Introduction

Description This enzyme belongs to the family of glycosyltransferases, specifically the

hexosyltransferases.

Synonyms 1,3-β-D-glucan-UDP glucosyltransferase; UDP-glucose-1,3-β-D-glucan

glucosyltransferase; callose synthetase; 1,3- β -D-glucan-UDP glucosyltransferase; UDP-glucose-1,3- β -D-glucan glucosyltransferase; paramylon synthetase; UDP-glucose- β -glucan glucosyltransferase; GS-II; (1,3)- β -glucan (callose) synthase; β -1,3-glucan synthase; β -1,3-glucan synthetase; 1,3- β -D-glucan synthase; 1,3- β -glucan-uridine diphosphoglucosyltransferase; callose synthase; UDP-glucose-1,3- β -glucan glucosyltransferase; UDP-glucose:(1,3) β -glucan synthase; uridine diphosphoglucose-1,3- β -glucan glucosyltransferase; UDP-glucosyltransferase; UDP-g

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glucose:1,3-β-D-glucan 3-β-D-glucosyltransferase

Product Information

Form Liquid or lyophilized powder

EC Number EC 2.4.1.34

CAS No. 9037-30-3

Reaction $\text{UDP-glucose} + [(1 \rightarrow 3) - \beta - \text{D-glucosyl}] \\ \text{n} = \text{UDP} + [(1 \rightarrow 3) - \beta - \text{D-glucosyl}] \\ \text{n} + 1$

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.

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