

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 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-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

UDP-glucose + [(1→3)-β-D-glucosyl]_n = UDP + [(1→3)-β-D-glucosyl]_{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.