

xyloglucan 4-glucosyltransferase

Cat. No. EXWM-2393

Lot. No. (See product label)

Introduction

Description

In association with EC 2.4.2.39 (xyloglucan 6-xylosyltransferase), this enzyme brings about the synthesis of xyloglucan; concurrent transfers of glucose and xylose are essential for this synthesis. Not identical with EC 2.4.1.12 cellulose synthase (UDP-forming).

Synonyms

uridine diphosphoglucose-xyloglucan 4 β -glucosyltransferase; xyloglucan 4 β -D-glucosyltransferase; xyloglucan glucosyltransferase; UDP-glucose:xyloglucan 1,4- β -D-glucosyltransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.4.1.168

CAS No.

80237-91-8

Reaction

Transfers a β -D-glucosyl residue from UDP-glucose on to a glucose residue in xyloglucan, forming a β -(1 \rightarrow 4)-D-glucosyl-D-glucose linkage

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.