

## xylogalacturonan $\beta$ -1,3-xylosyltransferase

Cat. No. EXWM-2670

Lot. No. (See product label)

### Introduction

#### Description

Involved in plant cell wall synthesis. The enzyme from *Arabidopsis thaliana* also transfers D-xylose from UDP-D-xylose onto oligogalacturonide acceptors. The enzyme did not show significant activity with UDP-glucose, UDP-galactose, or UDP-N-acetyl-D-glucosamine as sugar donors.

#### Synonyms

xylogalacturonan xylosyltransferase; XGA xylosyltransferase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.4.2.41

#### Reaction

Transfers a xylosyl residue from UDP-D-xylose to a D-galactose residue in xylogalacturonan, forming a  $\beta$ -1,3-D-xylosyl-D-galactose 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.