

## rhamnogalacturonan exolyase

Cat. No. EXWM-5100

Lot. No. (See product label)

### Introduction

**Description** The enzyme is part of the degradation system for rhamnogalacturonan I in Bacillus subtilis strain 168.

**Synonyms** YesX

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 4.2.2.24

**Reaction** Exotype eliminative cleavage of  $\alpha$ -L-rhamnopyranosyl-(1 $\rightarrow$ 4)- $\alpha$ -D-galactopyranosyluronic acid bonds of rhamnogalacturonan I oligosaccharides containing  $\alpha$ -L-rhamnopyranose at the reducing end and 4-deoxy-4,5-unsaturated D-galactopyranosyluronic acid at the non-reducing end. The products are the disaccharide 2-O-(4-deoxy- $\beta$ -L-threo-hex-4-enopyranuronosyl)- $\alpha$ -L-rhamnopyranose and the shortened rhamnogalacturonan oligosaccharide containing one 4-deoxy-4,5-unsaturated D-galactopyranosyluronic acid at the non-reducing end.

**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.