Creative Enzymes®

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 α-L-rhamnopyranosyl-(1→4)-α-D-galactopyranosyluronic acid bonds of rhamnogalacturonan I oligosacharides containing α-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-β-L-threo-hex-4-enopyranuronosyl)-α-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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.