Creative Enzymes®

rhamnogalacturonan endolyase

Cat. No. EXWM-5099

Lot. No. (See product label)

Introduction

Description	The enzyme is part of the degradation system for rhamnogalacturonan I in Bacillus subtilis strain 168 and Aspergillus aculeatus.
Synonyms	rhamnogalacturonase B; α-L-rhamnopyranosyl-(1→4)-α-D-galactopyranosyluronide lyase; Rgase B; rhamnogalacturonan α-L-rhamnopyranosyl-(1,4)-α-D-galactopyranosyluronide lyase; RG-lyase; YesW; RGL4; Rgl11A; Rgl11Y; RhiE

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.2.2.23
Reaction	Endotype eliminative cleavage of L-α-rhamnopyranosyl-(1→4)-α-D-galactopyranosyluronic acid bonds of rhamnogalacturonan I domains in ramified hairy regions of pectin leaving L-rhamnopyranose at the reducing end and 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 ℃.