

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 \rightarrow 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 \rightarrow 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.