

## 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;  $\alpha$ -L-rhamnopyranosyl-(1 $\rightarrow$ 4)- $\alpha$ -D-galactopyranosyluronide lyase; Rgase B; rhamnogalacturonan  $\alpha$ -L-rhamnopyranosyl-(1,4)- $\alpha$ -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- $\alpha$ -rhamnopyranosyl-(1 $\rightarrow$ 4)- $\alpha$ -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.