

## gellan lyase

Cat. No. EXWM-5101

Lot. No. (See product label)

### Introduction

**Description** The enzyme is highly specific to gellan, especially deacetylated gellan.

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 4.2.2.25

**Reaction** Eliminative cleavage of  $\beta$ -D-glucopyranosyl-(1 $\rightarrow$ 4)- $\beta$ -D-glucopyranosyluronate bonds of gellan backbone releasing tetrasaccharides containing a 4-deoxy-4,5-unsaturated D-glucopyranosyluronic acid at the non-reducing end. The tetrasaccharide produced from deacetylated gellan is  $\beta$ -D-4-deoxy- $\Delta$ 4-GlcAp-(1 $\rightarrow$ 4)- $\beta$ -D-Glcp-(1 $\rightarrow$ 4)- $\alpha$ -L-Rhap-(1 $\rightarrow$ 3)- $\beta$ -D-Glcp.

**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.