

## D-Man- $\alpha$ -(1 $\rightarrow$ 3)-D-Glc- $\beta$ -(1 $\rightarrow$ 4)-D-Glc- $\alpha$ -1-diphosphoundecaprenol 2- $\beta$ -glucuronyltransferase

Cat. No. EXWM-2495

Lot. No. (See product label)

### Introduction

#### Description

The enzyme is involved in the biosynthesis of the exopolysaccharides xanthan (in the bacterium *Xanthomonas campestris*) and acetan (in the bacterium *Gluconacetobacter xylinus*).

#### Synonyms

GumK

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.4.1.264

#### Reaction

UDP-glucuronate + D-Man- $\alpha$ -(1 $\rightarrow$ 3)-D-Glc- $\beta$ -(1 $\rightarrow$ 4)-D-Glc- $\alpha$ -1-diphospho-ditrans,octakis-undecaprenol = UDP + D-GlcA- $\beta$ -(1 $\rightarrow$ 2)-D-Man- $\alpha$ -(1 $\rightarrow$ 3)-D-Glc- $\beta$ -(1 $\rightarrow$ 4)-D-Glc- $\alpha$ -1-diphospho-ditrans,octakis-undecaprenol

#### 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.