

## GlcA- $\beta$ -(1 $\rightarrow$ 2)-D-Man- $\alpha$ -(1 $\rightarrow$ 3)-D-Glc- $\beta$ -(1 $\rightarrow$ 4)-D-Glc- $\alpha$ -1-diphospho-ditrans,octacis-undecaprenol 4- $\beta$ -mannosyltransferase

Cat. No. EXWM-2481

Lot. No. (See product label)

### Introduction

**Description** The enzyme is involved in the biosynthesis of the exopolysaccharide xanthan.

**Synonyms** GumI

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.4.1.251

**Reaction** GDP-mannose + GlcA- $\beta$ -(1 $\rightarrow$ 2)-D-Man- $\alpha$ -(1 $\rightarrow$ 3)-D-Glc- $\beta$ -(1 $\rightarrow$ 4)-D-Glc- $\alpha$ -1-diphospho-ditrans,octacis-undecaprenol = GDP + D-Man- $\beta$ -(1 $\rightarrow$ 4)-GlcA- $\beta$ -(1 $\rightarrow$ 2)-D-Man- $\alpha$ -(1 $\rightarrow$ 3)-D-Glc- $\beta$ -(1 $\rightarrow$ 4)-D-Glc- $\alpha$ -1-diphospho-ditrans,octacis-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.