

## xanthan ketal pyruvate transferase

Cat. No. EXWM-2834

Lot. No. (See product label)

### Introduction

#### Description

Involved in the biosynthesis of the polysaccharide xanthan. 30-40% of the terminal mannose residues of xanthan have a 4,6-O-(1-carboxyethan-1,1-diyl) ketal group. It also acts on the 6-O-acetyl derivative of the inner mannose unit.

#### Synonyms

KPT

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.5.1.95

#### Reaction

phosphoenolpyruvate + D-Man- $\beta$ -(1 $\rightarrow$ 4)-D-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 = 4,6-CH<sub>3</sub>(COO-)C-D-Man- $\beta$ -(1 $\rightarrow$ 4)-D-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 + phosphate

#### 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.