

GDP-mannose:cellobiosyl-diphosphopolyprenol α -mannosyltransferase

Cat. No. EXWM-2482

Lot. No. (See product label)

Introduction

Description

In the bacterium *Gluconacetobacter xylinus* (previously known as *Acetobacter xylinum*) the enzyme is involved in the biosynthesis of the exopolysaccharide acetan. In *Xanthomonas campestris* the enzyme is involved in the biosynthesis of the exopolysaccharide xanthan.

Synonyms

GumH; AceA; α 1,3-mannosyltransferase AceA

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.4.1.252

Reaction

GDP-mannose + D-Glc- β -(1 \rightarrow 4)-Glc- α -1-diphospho-ditrans,octacis-undecaprenol = GDP + D-Man- α -(1 \rightarrow 3)-D-Glc- β -(1 \rightarrow 4)-D-Glc- α -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.