

GDP-4-dehydro-6-deoxy-D-mannose reductase

Cat. No. EXWM-0189

Lot. No. (See product label)

Introduction

Description

This enzyme differs from EC 1.1.1.187, GDP-4-dehydro-D-rhamnose reductase, in that the only product formed is GDP- α -D-rhamnose. D-Rhamnose is a constituent of lipopolysaccharides of Gram-negative plant and human pathogenic bacteria.

Synonyms

GDP-4-keto-6-deoxy-D-mannose reductase [ambiguous]; GDP-6-deoxy-D-lyxo-4-hexulose reductase; Rmd; GDP-6-deoxy-D-mannose:NAD(P)⁺ 4-oxidoreductase (D-rhamnose-forming); GDP-6-deoxy- α -D-mannose:NAD(P)⁺ 4-oxidoreductase (D-rhamnose-forming)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.1.281

Reaction

GDP- α -D-rhamnose + NAD(P)⁺ = GDP-4-dehydro- α -D-rhamnose + NAD(P)H + H⁺

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.