

## GDP-6-deoxy-D-talose 4-dehydrogenase

Cat. No. EXWM-0039

Lot. No. (See product label)

### Introduction

#### Description

This enzyme belongs to the family of oxidoreductases, specifically those acting on the CH-OH group of donor with NAD<sup>+</sup> or NADP<sup>+</sup> as acceptor. The systematic name of this enzyme class is GDP-6-deoxy-D-talose:NAD(P)<sup>+</sup> 4-oxidoreductase. This enzyme is also called guanosine diphospho-6-deoxy-D-talose dehydrogenase. This enzyme participates in fructose and mannose metabolism.

#### Synonyms

guanosine diphospho-6-deoxy-D-talose dehydrogenase; GDP-6-deoxy-D-talose:NAD(P)<sup>+</sup> 4-oxidoreductase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.1.1.135

#### CAS No.

37250-66-1

#### Reaction

GDP-6-deoxy- $\alpha$ -D-talose + NAD(P)<sup>+</sup> = GDP-4-dehydro- $\alpha$ -D-rhamnose + NAD(P)H + H<sup>+</sup>

#### 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.