

dTDP-galactose 6-dehydrogenase

Cat. No. EXWM-0088

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⁺ or NADP⁺ as acceptor. The systematic name of this enzyme class is dTDP-D-galactose:NADP⁺ 6-oxidoreductase. This enzyme is also called thymidine-diphosphate-galactose dehydrogenase. This enzyme participates in nucleotide sugars metabolism.

Synonyms

thymidine-diphosphate-galactose dehydrogenase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.1.186

Reaction

dTDP-D-galactose + 2 NADP⁺ + H₂O = dTDP-D-galacturonate + 2 NADPH + 2 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.