Creative Enzymes®

dTDP-4-dehydrorhamnose reductase

Cat. No. EXWM-0037

Lot. No. (See product label)

Introduction

Description	In the reverse direction, reduction on the 4-position of the hexose moiety takes place only while the substrate is bound to another enzyme that catalyses epimerization at C-3 and C-5; the complex has been referred to as dTDP-L-rhamnose synthase.
Synonyms	dTDP-4-keto-L-rhamnose reductase; dTDP-4-ketorhamnose reductase; TDP-4-keto-rhamnose reductase; thymidine diphospho-4-ketorhamnose reductase; dTDP-6-deoxy-L-mannose:NADP+ 4-oxidoreductase; dTDP-6-deoxy-β-L-mannose:NADP+ 4-oxidoreductase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.1.1.133
CAS No.	37250-64-9
Reaction	dTDP-β-L-rhamnose + NADP+ = dTDP-4-dehydro-β-L-rhamnose + NADPH + 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.