Creative Enzymes®

dTDP-3-amino-3,6-dideoxy-α-D-galactopyranose transaminase

Cat. No. EXWM-2932

Lot. No. (See product label)

Introduction

Description	A pyridoxal-phosphate protein. The enzyme is involved in the biosynthesis of dTDP-3-acetamido-3,6-dideoxy-α-D-galactose. The reaction occurs in the reverse direction.
Synonyms	dTDP-6-deoxy-D-xylohex-3-uloseaminase; FdtB; TDP-3-keto-6-deoxy-D-galactose-3-aminotransferase; RavAMT; TDP-3-keto-6-deoxy-D-galactose 3-aminotransferase; TDP-3-dehydro-6-deoxy-D-galactose 3-aminotransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.6.1.90
Reaction	dTDP-3-amino-3,6-dideoxy-α-D-galactopyranose + 2-oxoglutarate = dTDP-3-dehydro-6-deoxy-α-D-galactopyranose + L-glutamate
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 ℃.