Creative Enzymes®

nucleoside-triphosphate-aldose-1-phosphate nucleotidyltransferase

Cat. No. EXWM-3239

Lot. No. (See product label)

Introduction

Description	In decreasing order of activity, guanosine, inosine and adenosine diphosphate hexoses are substrates in the reverse reaction, with either glucose or mannose as the sugar.
Synonyms	NDP hexose pyrophosphorylase; hexose 1-phosphate nucleotidyltransferase; hexose nucleotidylating enzyme; nucleoside diphosphohexose pyrophosphorylase; hexose-1-phosphate guanylyltransferase; GTP:α-D-hexose-1-phosphate guanylyltransferase; GDP hexose pyrophosphorylase; guanosine diphosphohexose pyrophosphorylase; nucleoside-triphosphate-hexose-1-phosphate nucleotidyltransferase; NTP:hexose-1-phosphate nucleotidyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.7.7.28
CAS No.	37278-26-5
Reaction	nucleoside triphosphate + α-D-aldose 1-phosphate = diphosphate + NDP-hexose
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 ℃.