Creative Enzymes®

# aldose-1-phosphate nucleotidyltransferase

*Cat. No. EXWM-3248*

*Lot. No.* (See product label)

## Introduction

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| ***Description*** | The enzyme works on a variety of α-D-aldose 1-phosphates and β-L-aldose 1-phosphates (which have the same anomeric configuration as the former; see 2-Carb-6.2). |
| ***Synonyms*** | sugar-1-phosphate nucleotidyltransferase; NDPaldose phosphorylase; glucose 1-phosphate inosityltransferase; NDP sugar phosphorylase; nucleoside diphosphosugar phosphorylase; sugar phosphate nucleotidyltransferase; nucleoside diphosphate sugar:orthophosphate nucleotidyltransferase; sugar nucleotide phosphorylase; NDP:aldose-1-phosphate nucleotidyltransferase |

## Product Information

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| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 2.7.7.37 |
| ***CAS No.*** | 9033-61-8 |
| ***Reaction*** | NDP + α-D-aldose 1-phosphate = phosphate + NDP-aldose |
| ***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

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| ***Storage*** | Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃. |