

## galactose-1-phosphate thymidyltransferase

Cat. No. EXWM-3243

Lot. No. (See product label)

### Introduction

**Description** This enzyme belongs to the family of transferases, specifically those transferring phosphorus-containing nucleotide groups (nucleotidyltransferases). The systematic name of this enzyme class is dTTP:alpha-D-galactose-1-phosphate thymidyltransferase. Other names in common use include dTDP galactose pyrophosphorylase, galactose 1-phosphate thymidyl transferase, thymidine diphosphogalactose pyrophosphorylase, thymidine triphosphate:alpha-D-galactose 1-phosphate, and thymidyltransferase. This enzyme participates in nucleotide sugars metabolism.

**Synonyms** dTDP galactose pyrophosphorylase; galactose 1-phosphate thymidyl transferase; thymidine diphosphogalactose pyrophosphorylase; thymidine triphosphate:alpha-D-galactose 1-phosphate thymidyltransferase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.7.7.32

**CAS No.** 9023-25-0

**Reaction** dTTP + alpha-D-galactose 1-phosphate = diphosphate + dTDP-galactose

**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.