

## mannose-1-phosphate guanylyltransferase (GDP)

Cat. No. EXWM-3235

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 GDP:alpha-D-mannose-1-phosphate guanylyltransferase. This enzyme participates in fructose and mannose metabolism.

#### Synonyms

GDP mannose phosphorylase; mannose 1-phosphate (guanosine diphosphate) guanylyltransferase; GDP mannose phosphorylase; GDP-mannose 1-phosphate guanylyltransferase; guanosine diphosphate-mannose 1-phosphate guanylyltransferase; guanosine diphosphomannose phosphorylase; mannose 1-phosphate guanylyltransferase; GDP:D-mannose-1-phosphate guanylyltransferase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.7.7.22

#### CAS No.

9026-31-7

#### Reaction

GDP +  $\alpha$ -D-mannose 1-phosphate = phosphate + GDP-mannose

#### 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.