

## mannose-1-phosphate guanylyltransferase

Cat. No. EXWM-3229

Lot. No. (See product label)

### Introduction

**Description** The bacterial enzyme can also use ITP and dGTP as donors.

**Synonyms** GTP-mannose-1-phosphate guanylyltransferase; PIM-GMP (phosphomannose isomerase-guanosine 5'-diphospho-D-mannose pyrophosphorylase); GDP-mannose pyrophosphorylase; guanosine 5'-diphospho-D-mannose pyrophosphorylase; guanosine diphosphomannose pyrophosphorylase; guanosine triphosphate-mannose 1-phosphate guanylyltransferase; mannose 1-phosphate guanylyltransferase (guanosine triphosphate)

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.7.7.13

**CAS No.** 37278-24-3

**Reaction**  $\text{GTP} + \alpha\text{-D-mannose 1-phosphate} = \text{diphosphate} + \text{GDP-mannose}$

**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.