Creative Enzymes®

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 + α-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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.