Creative Enzymes®

fucose-1-phosphate guanylyltransferase

Cat. No. EXWM-3241

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 GTP:beta-L-fucose-1-phosphate guanylyltransferase. Other names in common use include GDP fucose pyrophosphorylase, guanosine diphosphate L-fucose pyrophosphorylase, GDP-L-fucose pyrophosphorylase, GDP-fucose pyrophosphorylase, and GTP:L-fucose-1-phosphate guanylyltransferase. This enzyme participates in fructose and mannose metabolism.
Synonyms	GDP fucose pyrophosphorylase; guanosine diphosphate L-fucose pyrophosphorylase; GDP-L-fucose pyrophosphorylase; GDP-fucose pyrophosphorylase; GTP:L-fucose-1-phosphate guanylyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.7.7.30
CAS No.	9033-14-1
Reaction	GTP + β-L-fucose 1-phosphate = diphosphate + GDP-L-fucose
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 ℃.