

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 $\text{GTP} + \beta\text{-L-fucose 1-phosphate} = \text{diphosphate} + \text{GDP-L-fucose}$

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 °C for short term. For long term storage, store it at -20 °C~-80 °C.