

mannosylglucosyl-3-phosphoglycerate synthase

Cat. No. EXWM-2502

Lot. No. (See product label)

Introduction

Description

The enzyme is involved in synthesis of 2-[2-O-(α -D-mannopyranosyl)- α -D-glucopyranosyl]-D-glycerate. *Petrogala miotherma* and *Petrogala mobilis* accumulate this compound in response to water stress imposed by salt.

Synonyms

MggA

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.4.1.270

Reaction

$\text{GDP-mannose} + 2\text{-O-(}\alpha\text{-D-glucopyranosyl)-3-phospho-D-glycerate} = \text{GDP} + 2\text{-O-[2-O-(}\alpha\text{-D-mannopyranosyl)-}\alpha\text{-D-glucopyranosyl]-3-phospho-D-glycerate}$

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.