Creative Enzymes®

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-mannopranosyl)-α-D-glucopyranosyl]-D-glycerate. Petrotoga miotherma and Petrotoga 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	GDP-mannose + 2-O-(α-D-glucopyranosyl)-3-phospho-D-glycerate = GDP + 2-O-[2-O-(α-D-mannopyranosyl)-α-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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.