Creative Enzymes®

mannosylglycerate synthase

Cat. No. EXWM-2500

Lot. No. (See product label)

Introduction

Description	Rhodothermus marinus can also form mannosylglycerate via a two-step pathway catalysed by EC 2.4.1.217 (mannosyl-3-phosphoglycerate synthase) and EC 3.1.3.70 (mannosyl-3-phosphoglycerate phosphatase). Depending on experimental conditions mannosylglycerate synthase is more or less specific for the GDP-mannose and D-glycerate.

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.4.1.269
Reaction	GDP-α-D-mannose + D-glycerate = GDP + 2-O-(α-D-mannopyranosyl)-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 ℃.