

## 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- $\alpha$ -D-mannose + D-glycerate = GDP + 2-O-( $\alpha$ -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 °C for short term. For long term storage, store it at -20 °C~-80 °C.