

## Mannosylglycerate synthase from *Rhodothermus marinus*, Recombinant

Cat. No. NATE-1216

Lot. No. (See product label)

### Introduction

#### Description

Mannosylglycerate synthase (EC 2.4.1.269) is an enzyme with system name GDP-mannose:D-glycerate 2-alpha-D-mannosyltransferase. This enzyme catalyses the following chemical reaction: GDP-mannose + D-glycerate  $\leftrightarrow$  GDP + 2-O-(alpha-D-mannopyranosyl) -D-glycerate. Depending on conditions mannosylglycerate synthase is more or less specific for the GDP-mannose and D-glycerate.

#### Synonyms

GDP-Man:mannosylglycerate synthase;  $\alpha$ -mannosyltransferase; GDP-mannose:D-glycerate 2-alpha-D-mannosyltransferase

### Product Information

#### Source

*Rhodothermus marinus* DSM 4252

#### Form

Supplied in 3.2 M ammonium sulphate

#### EC Number

EC 2.4.1.-

#### Molecular Weight

47190.6 Da

#### Purity

> 95 % as judged by SDS-PAGE

### Usage and Packaging

#### Preparation Instructions

Agitate vial sufficiently to fully homogenise enzyme precipitate before use.

### Storage and Shipping Information

#### Storage

Store at 4°C (shipped at room temperature)