

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; α -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 Agitate vial sufficiently to fully homogenise enzyme precipitate before use.

Instructions

Storage and Shipping Information

Storage Store at 4°C (shipped at room temperature)