

Maltose Phosphorylase from Enterococcus sp., Recombinant

Cat. No. NATE-0456

Lot. No. (See product label)

Introduction

Description Maltose phosphorylase (MP) is a dimeric enzyme that catalyzes maltose and inorganic phosphate into β -D-glucose-1-phosphate and glucose.

Applications Maltose phosphorylase from Enterococcus has been used in a study to describe a new pathway for maltose utilization in lactic acid bacteria. It has also been used in a study to describe the transfer of glucosyl moiety of maltose to acceptors with alcoholic OH groups.

Synonyms maltose phosphorylase; maltose:phosphate 1- β -D-glucosyltransferase; EC 2.4.1.8; 9030-19-7; MP

Product Information

Species Enterococcus sp.

Source E. coli

Form lyophilized powder

EC Number EC 2.4.1.8

CAS No. 9030-19-7

Molecular Weight mol wt 90 kDa by SDS-PAGE

Unit Definition One unit will produce 1.0 μ mole of D-Glucose from maltose per minute at pH 7.0 at 30°C.

Storage and Shipping Information

Storage -20°C