

Native *Lactobacillus* sp. Maltose Epimerase

Cat. No. NATE-0450

Lot. No. (See product label)

Introduction

Description

Maltose 1-epimerase (MER), is an enzyme that catalyzes the interconversion of α and β anomers of maltose.

Applications

Maltose epimerase has been used in a study to assess metabolite gene regulation. It has also been used in a study to investigate saccharogenic determination of α -amylase in serum and urine.

Synonyms

maltose epimerase; EC 5.1.3.21; maltose 1-epimerase; MER

Product Information

Source

Lactobacillus sp.

EC Number

EC 5.1.3.21

Molecular Weight

mol wt ~45 kDa by SDS-PAGE

Unit Definition

One unit is defined as the amount of enzyme which converts 1 μ mol of β -maltose to α -maltose per minute at 25°C and pH 7.0.

Storage and Shipping Information

Storage

-20°C