Creative Enzymes®

Recombinant Escherichia coli Cytoplasmic trehalase (treF)

Cat. No. EXWM-3892F

Lot. No. (See product label)

Introduction

Description	The enzyme is an anomer-inverting glucosidase that catalyses the hydrolysis of the α-glucosidic O-linkage of α,α-trehalose, releasing initially equimolar amounts of α- and β-D-glucose. It is widely distributed in microorganisms, plants, invertebrates and vertebrates.

Product Information

Species	E.coli
Source	E.coli
Form	Lyophilized powder
EC Number	EC 3.2.1.28
CAS No.	9025-52-9
Purity	Greater than 85% as determined by SDS-PAGE.
Activity	Not detected
Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage and Shipping Information

Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.