

## 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  $\alpha$ -glucosidic O-linkage of  $\alpha,\alpha$ -trehalose, releasing initially equimolar amounts of  $\alpha$ - and  $\beta$ -D-glucose. It is widely distributed in microorganisms, plants, invertebrates and vertebrates.

### Product Information

<b>Species</b>	E.coli
<b>Source</b>	E.coli
<b>Form</b>	Lyophilized powder
<b>EC Number</b>	EC 3.2.1.28
<b>CAS No.</b>	9025-52-9
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Activity</b>	Not detected
<b>Buffer</b>	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.