

## trehalose-phosphatase

Cat. No. EXWM-3615

Lot. No. (See product label)

### Introduction

**Description** This enzyme belongs to the family of hydrolases, specifically those acting on phosphoric monoester bonds. The systematic name of this enzyme class is alpha,alpha-trehalose-6-phosphate phosphohydrolase. Other names in common use include trehalose 6-phosphatase, trehalose 6-phosphate phosphatase, and trehalose-6-phosphate phosphohydrolase. This enzyme participates in starch and sucrose metabolism.

**Synonyms** trehalose 6-phosphatase; trehalose 6-phosphate phosphatase; trehalose-6-phosphate phosphohydrolase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 3.1.3.12

**CAS No.** 9025-72-3

**Reaction**  $\alpha,\alpha\text{-trehalose 6-phosphate} + \text{H}_2\text{O} = \alpha,\alpha\text{-trehalose} + \text{phosphate}$

**Notes** This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

### Storage and Shipping Information

**Storage** Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.