

## maltose-6'-phosphate glucosidase

Cat. No. EXWM-3805

Lot. No. (See product label)

### Introduction

#### Description

Hydrolyses a variety of 6-phospho- $\alpha$ -D-glucosides, including  $\alpha$ -maltose 6'-phosphate,  $\alpha,\alpha$ -trehalose 6-phosphate, sucrose 6-phosphate and p-nitrophenyl- $\alpha$ -D-glucopyranoside 6-phosphate (as a chromogenic substrate). The enzyme is activated by FeII, MnII, CoII and NiII. It is rapidly inactivated in air.

#### Synonyms

phospho- $\alpha$ -glucosidase; maltose-6'-phosphate 6-phosphoglucohydrolase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.2.1.122

#### CAS No.

98445-08-0

#### Reaction

$\alpha$ -maltose 6'-phosphate + H<sub>2</sub>O = D-glucose + D-glucose 6-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.