

## sucrose-phosphate phosphatase

Cat. No. EXWM-3627

Lot. No. (See product label)

### Introduction

#### Description

Requires Mg<sup>2+</sup> for maximal activity. This is the final step in the sucrose-biosynthesis pathway. The enzyme is highly specific for sucrose 6-phosphate, with fructose 6-phosphate unable to act as a substrate. Belongs in the haloacid dehydrogenase (HAD) superfamily. The F of sucrose 6F-phosphate is used to indicate that the fructose residue of sucrose carries the substituent.

#### Synonyms

sucrose 6-phosphate hydrolase; sucrose-phosphate hydrolase; sucrose-phosphate phosphohydrolase; sucrose-6-phosphatase; sucrose phosphatase; sucrose-6-phosphate phosphatase; SPP

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.1.3.24

#### CAS No.

9059-33-0

#### Reaction

sucrose 6F-phosphate + H<sub>2</sub>O = sucrose + 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.