

## [trehalose-6-phosphate synthase]-L-cysteine S-methyltransferase

Cat. No. EXWM-1926

Lot. No. (See product label)

### Introduction

**Description** The enzyme, characterized from the yeast *Saccharomyces cerevisiae*, enhances the activity of EC 2.4.1.15, trehalose-6-phosphate synthase, resulting in elevating the levels of trehalose in the cell and contributing to stationary phase survival. In vitro the enzyme performs S-methylation of L-cysteine residues of various protein substrates.

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.1.1.318

**Reaction** S-adenosyl-L-methionine + [trehalose-6-phosphate synthase]-L-cysteine = S-adenosyl-L-homocysteine + [trehalose-6-phosphate synthase]-S-methyl-L-cysteine

**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.