Creative Enzymes®

[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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.