Creative Enzymes®

thiamine phosphate phosphatase

Cat. No. EXWM-3609

Lot. No. (See product label)

Introduction

Description	The enzyme participates in the thiamine biosynthesis pathway in eukaryotes and a few prokaryotes. These organisms lack EC 2.7.4.16, thiamine-phosphate kinase, and need to convert thiamine phosphate to thiamine diphosphate, the active form of the vitamin, by first removing the phosphate group, followed by diphosphorylation by EC 2.7.6.2, thiamine diphosphokinase.

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.1.3.100
Reaction	thiamine phosphate + H2O = thiamine + 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.