Creative Enzymes®

thiamine-phosphate kinase

Cat. No. EXWM-3197

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of transferases, specifically those transferring phosphorus-containing groups (phosphotransferases) with a phosphate group as acceptor. The systematic name of this enzyme class is ATP:thiamine-phosphate phosphotransferase. Other names in common use include thiamin-monophosphate kinase, thiamin monophosphatase, and thiamin monophosphokinase. This enzyme participates in thiamine metabolism.
Synonyms	thiamin-monophosphate kinase; thiamin monophosphatase; thiamin monophosphokinase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.7.4.16
CAS No.	9068-23-9
Reaction	ATP + thiamine phosphate = ADP + thiamine diphosphate
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 ℃.