

## thiamine kinase

Cat. No. EXWM-3119

Lot. No. (See product label)

### Introduction

#### Description

This enzyme belongs to the family of transferases, specifically those transferring phosphorus-containing groups (phosphotransferases) with an alcohol group as acceptor. The systematic name of this enzyme class is ATP:thiamine phosphotransferase. Other names in common use include thiamin kinase (phosphorylating), thiamin phosphokinase, ATP:thiamin phosphotransferase, and thiamin kinase. This enzyme participates in thiamine metabolism.

#### Synonyms

thiamin kinase (phosphorylating); thiamin phosphokinase; ATP:thiamin phosphotransferase; thiamin kinase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.7.1.89

#### CAS No.

62213-38-1

#### Reaction

ATP + thiamine = ADP + 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.