

## phosphoglucokinase

Cat. No. EXWM-2946

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. This enzyme participates in starch and sucrose metabolism.

#### Synonyms

glucose-phosphate kinase; phosphoglucokinase (phosphorylating); ATP:D-glucose-1-phosphate 6-phosphotransferase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.7.1.10

#### CAS No.

9032-96-6

#### Reaction

ATP +  $\alpha$ -D-glucose 1-phosphate = ADP +  $\alpha$ -D-glucose 1,6-bisphosphate

#### 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.