

## pyruvate, phosphate dikinase

Cat. No. EXWM-3348

Lot. No. (See product label)

### Introduction

#### Description

It is a key enzyme in gluconeogenesis and photosynthesis that is responsible for reversing the reaction performed by pyruvate kinase in Embden-Meyerhof-Parnas glycolysis.

#### Synonyms

pyruvate, orthophosphate dikinase; pyruvate-phosphate dikinase (phosphorylating); pyruvate, phosphate dikinase; pyruvate-inorganic phosphate dikinase; pyruvate-phosphate dikinase; pyruvate-phosphate ligase; pyruvic-phosphate dikinase; pyruvic-phosphate ligase; pyruvate, Pi dikinase; PPDK

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.7.9.1

#### CAS No.

9027-40-1

#### Reaction

ATP + pyruvate + phosphate = AMP + phosphoenolpyruvate + 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.