Creative Enzymes®

phosphoenolpyruvate carboxykinase (diphosphate)

Cat. No. EXWM-4782

Lot. No. (See product label)

Introduction

Description	Also catalyses the reaction: phosphoenolpyruvate + phosphate = pyruvate + diphosphate.
Synonyms	phosphopyruvate carboxylase (ambiguous); PEP carboxyphosphotransferase (ambiguous); PEP carboxykinase (ambiguous); phosphopyruvate carboxykinase (pyrophosphate); PEP carboxylase (ambiguous); phosphopyruvate carboxykinase (ambiguous); phosphoenolpyruvic carboxykinase (ambiguous); phosphoenolpyruvic carboxylase (ambiguous); phosphoenolpyruvate carboxytransphosphorylase (ambiguous); phosphoenolpyruvate carboxykinase (ambiguous); phosphoenolpyruvic carboxykinase; phosphoenolpyruvic carboxylase; PEPCTrP; phosphoenolpyruvic carboxykinase (pyrophosphate); phosphoenolpyruvic carboxylase (pyrophosphate); phosphoenolpyruvate carboxylase (ambiguous); phosphoenolpyruvate carboxyphosphotransferase (ambiguous); phosphoenolpyruvic carboxytransphosphorylase (ambiguous); phosphoenolpyruvate carboxylase (pyrophosphate); phosphopyruvate carboxylase (pyrophosphate); diphosphate:oxaloacetate carboxy-lyase (transphosphorylating)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.1.1.38
CAS No.	9013-12-1
Reaction	diphosphate + oxaloacetate = phosphate + phosphoenolpyruvate + CO2
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 ℃.