Creative Enzymes®

[pyruvate dehydrogenase (acetyl-transferring)] kinase

Cat. No. EXWM-3139

Lot. No. (See product label)

Introduction

Description	The enzyme has no activating compound but is specific for its substrate. It is a mitochondrial enzyme associated with the pyruvate dehydrogenase complex in mammals. Phosphorylation inactivates EC 1.2.4.1, pyruvate dehydrogenase (acetyl-transferring).
Synonyms	PDH kinase; PDHK; PDK; PDK1; PDK2; PDK3; PDK4; pyruvate dehydrogenase kinase; pyruvate dehydrogenase kinase (phosphorylating); pyruvate dehydrogenase kinase activator protein; STK1

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.7.11.2
CAS No.	9074-01-5
Reaction	ATP + [pyruvate dehydrogenase (acetyl-transferring)] = ADP + [pyruvate dehydrogenase (acetyl-transferring)] 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.