Creative Enzymes®

aspartate kinase

Cat. No. EXWM-3176

Lot. No. (See product label)

Introduction

Description	The enzyme from Escherichia coli is a multifunctional protein, which also catalyses the reaction of EC 1.1.1.3 homoserine dehydrogenase. This is also the case for two of the four isoenzymes in Arabidopsis thaliana. The equilibrium constant strongly favours the reaction from right to left, i.e. the non-physiological direction of reaction.
Synonyms	aspartokinase; AK; β-aspartokinase; aspartic kinase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.7.2.4
CAS No.	9012-50-4
Reaction	ATP + L-aspartate = ADP + 4-phospho-L-aspartate
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 ℃.