Creative Enzymes®

thymidine kinase

Cat. No. EXWM-3045

Lot. No. (See product label)

Introduction

Description	Deoxyuridine can also act as acceptor, and dGTP can act as a donor. The deoxypyrimidine kinase complex induced by Herpes simplex virus catalyses this reaction as well as those of EC 2.7.1.114 (AMP-thymidine kinase), EC 2.7.1.118 (ADP-thymidine kinase) and EC 2.7.4.9 (dTMP-kinase).
Synonyms	thymidine kinase (phosphorylating); 2'-deoxythymidine kinase; deoxythymidine kinase (phosphorylating)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.7.1.21
CAS No.	9002-06-6
Reaction	ATP + thymidine = ADP + dTMP
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 ℃.