UMP kinase

Cat. No. EXWM-3204

Lot. No. (See product label)

Introduction

Description	This enzyme is strictly specific for UMP as substrate and is used by prokaryotes in the de novo synthesis of pyrimidines, in contrast to eukaryotes, which use the dual-specificity enzyme UMP/CMP kinase (EC 2.7.4.14) for the same purpose. This enzyme is the subject of feedback regulation, being inhibited by UTP and activated by GTP.
Synonyms	uridylate kinase; UMPK; uridine monophosphate kinase; PyrH; UMP-kinase; SmbA

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.7.4.22
CAS No.	9036-23-1
Reaction	ATP + UMP = ADP + UDP
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 ℃.