

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

uridylyl transferase; 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.