Creative Enzymes®

CTP-dependent riboflavin kinase

Cat. No. EXWM-2991

Lot. No. (See product label)

Introduction

Description	This archaeal enzyme differs from EC 2.7.1.26, riboflavin kinase, in using CTP as the donor nucleotide. UTP, but not ATP or GTP, can also act as a phosphate donor but it is at least an order of magnitude less efficient than CTP.
Synonyms	Methanocaldococcus jannaschii Mj0056; Mj0056

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.7.1.161
Reaction	CTP + riboflavin = CDP + FMN
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 ℃.