Creative Enzymes®

molybdenum cofactor cytidylyltransferase

Cat. No. EXWM-3288

Lot. No. (See product label)

Introduction

Description	Catalyses the cytidylation of the molybdenum cofactor. This modification occurs only in prokaryotes. Divalent cations such as Mg2+ or Mn2+ are required for activity. ATP or GTP cannot replace CTP.
Synonyms	MocA; CTP:molybdopterin cytidylyltransferase; MoCo cytidylyltransferase; Mo-MPT cytidyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.7.7.76
Reaction	CTP + molybdenum cofactor = diphosphate + cytidylyl molybdenum cofactor
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 ℃.