

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 Mg^{2+} or Mn^{2+} are required for activity. ATP or GTP cannot replace CTP.

Synonyms

MocA; CTP:molybdopterin cytidylyltransferase; MoCo cytidylyltransferase; Mo-MPT cytidylyltransferase

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