Creative Enzymes®

molybdopterin molybdotransferase

Cat. No. EXWM-2024

Lot. No. (See product label)

Introduction

Description	Catalyses the insertion of molybdenum into the ene-dithiol group of molybdopterin. In eukaryotes this reaction is catalysed by the N-terminal domain of a fusion protein whose C-terminal domain catalyses EC 2.7.7.75, molybdopterin adenylyltransferase. Requires divalent cations such as Mg2+ or Zn2+ for activity.
Synonyms	MoeA; Cnx1 (ambiguous)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.10.1.1
Reaction	adenylyl-molybdopterin + molybdate = molybdenum cofactor + AMP
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 ℃.