

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