Creative Enzymes®

cobalt-factor III methyltransferase

Cat. No. EXWM-1878

Lot. No. (See product label)

Introduction

Description	Isolated from Bacillus megaterium. The enzyme catalyses both methylation at C-17 and ring contraction. Contains a [4Fe-4S] cluster. It can also convert cobalt-precorrin-3 to cobalt-precorrin-4. The reductant may be thioredoxin.
Synonyms	CbiH60 (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.1.1.272
Reaction	S-adenosyl-L-methionine + cobalt-factor III + reduced acceptor = S-adenosyl-L-homocysteine + cobalt-precorrin-4 + acceptor
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 ℃.