

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