

cobalt-precorrin-6A reductase

Cat. No. EXWM-1278

Lot. No. (See product label)

Introduction

Description

The enzyme catalyses a step in the anaerobic (early cobalt insertion) pathway of adenosylcobalamin biosynthesis. The enzyme from the bacterium *Bacillus megaterium* has no activity with NADPH. The equivalent enzyme in the aerobic pathway is EC 1.3.1.54, precorrin-6A reductase.

Synonyms

cbij (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.3.1.106

Reaction

cobalt-precorrin-6B + NAD⁺ = cobalt-precorrin-6A + NADH + H⁺

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.