

## 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** cbjJ (gene name)

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.3.1.106

**Reaction** cobalt-precorrin-6B + NAD<sup>+</sup> = cobalt-precorrin-6A + NADH + H<sup>+</sup>

**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.