Creative Enzymes®

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