Creative Enzymes®

cob(II)yrinic acid a,c-diamide reductase

Cat. No. EXWM-1078

Lot. No. (See product label)

Introduction

Description	This enzyme also catalyses the reduction of cob(II)yric acid, cob(II)inamide, cob(II)inamide phosphate, GDP-cob(II)inamide and cob(II)alamin although cob(II)yrinic acid a,c-diamide is thought to be the physiological substrate. Also uses FAD and NADH but not NADPH.
Synonyms	cob(II)yrinic acid-a,c-diamide:FMN oxidoreductase (incorrect)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.16.8.1
CAS No.	145539-93-1
Reaction	2 cob(I)yrinic acid a,c-diamide + FMN + 2 H+ = 2 cob(II)yrinic acid a,c-diamide + FMNH2
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 ℃.