Creative Enzymes®

15,16-dihydrobiliverdin:ferredoxin oxidoreductase

Cat. No. EXWM-1397

Lot. No. (See product label)

Introduction

Description	Catalyses the two-electron reduction of biliverdin IXα at the C15 methine bridge. It has been proposed that this enzyme and EC 1.3.7.3, phycoerythrobilin:ferredoxin oxidoreductase, function as a dual enzyme complex in the conversion of biliverdin IXα into phycoerythrobilin.
Synonyms	PebA

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.3.7.2
CAS No.	347401-20-1
Reaction	15,16-dihydrobiliverdin + oxidized ferredoxin = biliverdin IXα + reduced ferredoxin
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 ℃.