

15,16-dihydrobiliverdin:ferredoxin oxidoreductase

Cat. No. EXWM-1397

Lot. No. (See product label)

Introduction

Description

Catalyses the two-electron reduction of biliverdin IX α 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 IX α 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 IX α + 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.