

## 15,16-dihydrobiliverdin:ferredoxin oxidoreductase

Cat. No. EXWM-1397

Lot. No. (See product label)

### Introduction

#### Description

Catalyses the two-electron reduction of biliverdin IX $\alpha$  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 $\alpha$  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 $\alpha$  + 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.