

## heme ligase

Cat. No. EXWM-5365

Lot. No. (See product label)

### Introduction

#### Description

This heme detoxifying enzyme is found in Plasmodium parasites and converts toxic heme to crystalline hemozoin. These organisms lack the mammalian heme oxygenase for elimination of heme.

#### Synonyms

heme detoxification protein; HDP; hemozoin synthase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 4.99.1.8

#### Reaction

2 ferriprotoporphyrin IX =  $\beta$ -hematin

#### 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.