

## chlorophyll synthase

Cat. No. EXWM-2800

Lot. No. (See product label)

### Introduction

#### Description

Requires Mg<sup>2+</sup>. The enzyme is modified by binding of the first substrate, phytyl diphosphate, before reaction of the modified enzyme with the second substrate, chlorophyllide a, can occur. The reaction also occurs when phytyl diphosphate is replaced by geranylgeranyl diphosphate.

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.5.1.62

#### CAS No.

9077-08-1

#### Reaction

chlorophyllide a + phytyl diphosphate = chlorophyll a + diphosphate

#### 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.