

## chlorophyll(ide) b reductase

Cat. No. EXWM-0203

Lot. No. (See product label)

### Introduction

#### Description

This enzyme carries out the first step in the conversion of chlorophyll b to chlorophyll a. It is involved in chlorophyll degradation, which occurs during leaf senescence and it also forms part of the chlorophyll cycle, which interconverts chlorophyll a and b in response to changing light conditions.

#### Synonyms

chlorophyll b reductase; Chl b reductase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.1.1.294

#### Reaction

71-hydroxychlorophyllide a + NAD(P)<sup>+</sup> = chlorophyllide b + NAD(P)H + H<sup>+</sup>

#### 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.