

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)⁺ = chlorophyllide b + NAD(P)H + H⁺

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.