

## demethylphyloquinone reductase

Cat. No. EXWM-1590

Lot. No. (See product label)

### Introduction

#### Description

The enzyme, found in plants and cyanobacteria, is involved in the biosynthesis of phyloquinone (vitamin K1), an electron carrier associated with photosystem I. The enzyme is a type II NADPH dehydrogenase and requires a flavine adenine dinucleotide cofactor.

#### Synonyms

ndbB (gene name); NDC1 (gene name); demethylphyloquinone:NADPH oxidoreductase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.6.5.12

#### Reaction

demethylphyloquinone + NADPH + H<sup>+</sup> = demethylphyloquinol + NADP<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.