

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⁺ = demethylphyloquinol + NADP⁺

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.