

homogentisate phytyltransferase

Cat. No. EXWM-2731

Lot. No. (See product label)

Introduction

Description Requires Mg2+ for activity. Involved in the biosynthesis of the vitamin E

to copherols. While the enzyme from the cyanobacterium Synechocystis $\ensuremath{\mathsf{PCC}}$ 6803

has an appreciable activity with geranylgeranyl diphosphate (EC 2.5.1.116,

homogentisate geranylgeranyltransferase), the enzyme from the plant Arabidopsis

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thaliana has only a low activity with that substrate.

Synonyms HPT; VTE2 (gene name)

Product Information

Form Liquid or lyophilized powder

EC Number EC 2.5.1.115

Reaction phytyl diphosphate + homogentisate = diphosphate + 2-methyl-6-phytylbenzene-

1,4-diol + CO2

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 \sim -80 °C.

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