Creative Enzymes®

homogentisate geranylgeranyltransferase

Cat. No. EXWM-2732

Lot. No. (See product label)

Introduction

Description	Requires Mg2+ for activity. Involved in the biosynthesis of the vitamin E, tocotrienols. While the enzyme from the bacterium Synechocystis PCC 6803 has higher activity with phytyl diphosphate (EC 2.5.1.115, homogentisate phytyltransferase), the enzymes from barley, rice and wheat have only a low activity with that substrate.
Synonyms	HGGT; slr1736 (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.5.1.116
Reaction	geranylgeranyl diphosphate + homogentisate = diphosphate + 6-geranylgeranyl-2-methylbenzene-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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.