Creative Enzymes®

4,4'-diapophytoene synthase

Cat. No. EXWM-2835

Lot. No. (See product label)

Introduction

Description	Requires Mn2+. Typical of Staphylococcus aureus and some other bacteria such as Heliobacillus sp.
Synonyms	dehydrosqualene synthase; DAP synthase; C30 carotene synthase; CrtM

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.5.1.96
Reaction	2 (2E,6E)-farnesyl diphosphate = 15-cis-4,4'-diapophytoene + 2 diphosphate (overall reaction); (1a) 2 (2E,6E)-farnesyl diphosphate = diphosphate + presqualene diphosphate; (1b) presqualene diphosphate = 15-cis-4,4'-diapophytoene + diphosphate
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 ℃.