Creative Enzymes®

(2Z,6Z)-farnesyl diphosphate synthase

Cat. No. EXWM-2831

Lot. No. (See product label)

Introduction

Description	This enzyme, originally characterized from wild tomato, specifically forms (2Z,6Z)-farnesyl diphosphate via neryl diphosphate and isopentenyl diphosphate. In wild tomato it is involved in the biosynthesis of several sesquiterpenes. See also EC 2.5.1.68 [(2Z,6E)-farnesyl diphosphate synthase] and EC 2.5.1.10 [(2E,6E)-farnesyl diphosphate synthase].
Synonyms	cis,cis-farnesyl diphosphate synthase; Z,Z-FPP synthase; zFPS; Z,Z-farnesyl pyrophosphate synthase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.5.1.92
Reaction	dimethylallyl diphosphate + 2 isopentenyl diphosphate = 2 diphosphate + (2Z,6Z)-farnesyl 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 ℃.