Creative Enzymes®

(2Z,6E)-farnesyl diphosphate synthase

Cat. No. EXWM-2805

Lot. No. (See product label)

Introduction

Description	Requires Mg2+ or Mn2+ for activity. The product of this reaction is an intermediate in the synthesis of decaprenyl phosphate, which plays a central role in the biosynthesis of most features of the mycobacterial cell wall, including peptidoglycan, linker unit galactan and arabinan. Neryl diphosphate can also act as substrate.
Synonyms	(Z)-farnesyl diphosphate synthase; Z-farnesyl diphosphate synthase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.5.1.68
Reaction	geranyl diphosphate + isopentenyl diphosphate = diphosphate + (2Z,6E)-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 ℃.