

## (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 °C for short term. For long term storage, store it at -20 °C~-80 °C.