

## (Z)- $\gamma$ -bisabolene synthase

Cat. No. EXWM-5199

Lot. No. (See product label)

### Introduction

#### Description

This sesquiterpenoid enzyme is constitutively expressed in the root, hydathodes and stigma of the plant *Arabidopsis thaliana*. If the leaves of the plant are wounded, e.g. by cutting, the enzyme is also induced close to the wound site. The sesquiterpenoids (E)-nerolidol and  $\alpha$ -bisabolol are also produced by this enzyme as minor products.

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 4.2.3.40

#### Reaction

(2E,6E)-farnesyl diphosphate = (Z)- $\gamma$ -bisabolene + 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.