

## sesquithujene synthase

Cat. No. EXWM-5113

Lot. No. (See product label)

### Introduction

#### Description

The enzyme from Zea mays, variety Delprim, gives mainly sesquithujene with (S)- $\beta$ -bisabolene and (E)- $\beta$ -farnesene plus traces of other sesquiterpenoids, cf. EC 4.2.3.55 [(S)- $\beta$ -bisabolene synthase] and EC 4.2.3.47 ( $\beta$ -farnesene synthase). It requires Mg<sup>2+</sup> or Mn<sup>2+</sup>. The exact product ratio is dependent on which metal ion is present.

#### Synonyms

TPS5-Del1

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 4.2.3.102

#### Reaction

(2E,6E)-farnesyl diphosphate = sesquithujene + 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.