

## 7-epi-sesquithujene synthase

Cat. No. EXWM-5112

Lot. No. (See product label)

### Introduction

**Description** The enzyme from *Zea mays*, variety B73, gives mainly 7-epi-sesquithujene with (S)- $\beta$ -bisabolene and traces of other sesquiterpenoids, cf. EC 4.2.3.55 (S)- $\beta$ -bisabolene synthase. It requires Mg<sup>2+</sup> or Mn<sup>2+</sup>. The product ratio is dependent on which metal ion is present. 7-epi-Sesquithujene is an attractant for the emerald ash borer beetle.

**Synonyms** TPS4-B73

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 4.2.3.101

**Reaction** (2E,6E)-farnesyl diphosphate = 7-epi-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.