

## (+)- $\alpha$ -barbatene synthase

Cat. No. EXWM-5230

Lot. No. (See product label)

### Introduction

#### Description

The recombinant enzyme from the plant *Arabidopsis thaliana* produces 27.3%  $\alpha$ -barbatene, 17.8% thujopsene (cf. EC 4.2.3.79, thujopsene synthase) and 9.9%  $\beta$ -chamigrene (cf. EC 4.2.3.78,  $\beta$ -chamigrene synthase) plus traces of other sesquiterpenoids.

#### Synonyms

AtBS

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 4.2.3.69

#### Reaction

(2E,6E)-farnesyl diphosphate = (+)- $\alpha$ -barbatene + 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.