

## isoprene synthase

Cat. No. EXWM-5184

Lot. No. (See product label)

### Introduction

**Description** Requires Mg<sup>2+</sup> or Mn<sup>2+</sup> for activity. This enzyme is located in the chloroplast of isoprene-emitting plants, such as poplar and aspen, and may be activated by light-dependent changes in chloroplast pH and Mg<sup>2+</sup> concentration.

**Synonyms** ISPC; ISPS

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 4.2.3.27

**CAS No.** 139172-14-8

**Reaction** dimethylallyl diphosphate = isoprene + 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.