Creative Enzymes®

isoprene synthase

Cat. No. EXWM-5184

Lot. No. (See product label)

Introduction

Description	Requires Mg2+ or Mn2+ for activity. This enzyme is located in the chloroplast of isoprene-emitting plants, such as poplar and aspen, and may be activitated by light-dependent changes in chloroplast pH and Mg2+ 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.