Creative Enzymes®

(4S)-limonene synthase

Cat. No. EXWM-5172

Lot. No. (See product label)

Introduction

Description	A recombinant enzyme (also known as a monoterpene synthase or cyclase) from the grand fir (Abies grandis) requires Mn2+ and K+ for activity. Mg2+ is essentially ineffective as the divalent metal ion cofactor.
Synonyms	(-)-(4S)-limonene synthase; 4S-(-)-limonene synthase; geranyldiphosphate diphosphate lyase (limonene forming); geranyldiphosphate diphosphate lyase [cyclizing, (4S)-limonene-forming]; geranyl-diphosphate diphosphate-lyase [cyclizing; (-)-(4S)-limonene-forming]

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.2.3.16
CAS No.	110639-20-8
Reaction	geranyl diphosphate = (S)-limonene + 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 ℃.