Creative Enzymes®

all-trans-ζ-carotene desaturase

Cat. No. EXWM-1428

Lot. No. (See product label)

Introduction

Description	This enzyme is involved in carotenoid biosynthesis.
Synonyms	Crtlb; phytoene desaturase (ambiguous); 2-step phytoene desaturase (ambiguous); two-step phytoene desaturase (ambiguous); CrtI (ambiguous)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.3.99.26
Reaction	all-trans-ζ-carotene + 2 acceptor = all-trans-lycopene + 2 reduced acceptor (overall reaction); (1a) all-trans-ζ-carotene + acceptor = all-trans-neurosporene + reduced acceptor; (1b) all-trans-neurosporene + acceptor = all-trans-lycopene + reduced acceptor
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 ℃.