

all-trans- ζ -carotene desaturase

Cat. No. EXWM-1428

Lot. No. (See product label)

Introduction

Description

This enzyme is involved in carotenoid biosynthesis.

Synonyms

CrtIb; 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.