

lycopene β -cyclase

Cat. No. EXWM-5620

Lot. No. (See product label)

Introduction

Description

The enzyme is a non-redox flavoprotein, containing FADH₂ that is used for stabilization of a transition state. Lycopene has a ψ -end group at both ends. When acting on one end, the enzyme forms γ -carotene. When acting on both ends it forms β -carotene. It also acts on neurosporene to give β -zeacarotene.

Synonyms

CrtL; CrtL-b; CrtY; LCYb; carotenoid β -end group lyase (decyclizing)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 5.5.1.19

CAS No.

220801-82-1

Reaction

carotenoid ψ -end group = carotenoid β -end group

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.