Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.