Creative Enzymes®

C-phycocyanin α-cysteine-84 phycocyanobilin lyase

Cat. No. EXWM-5335

Lot. No. (See product label)

Introduction

Description	The enzyme, characterized from the cyanobacterium Synechococcus elongatus PCC 7942, catalyses the covalent attachment of the phycobilin chromophore phycocyanobilin to cysteine 84 of the α subunit of the phycobiliprotein C-phycocyanin.
Synonyms	cpcE (gene name); cpcF (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.4.1.32
Reaction	[C-phycocyanin α-subunit]-Cys84-phycocyanobilin = apo-[C-phycocyanin α-subunit] + (2R,3E)-phycocyanobilin
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 ℃.