

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