

R-phycoerythrin α -cysteine-84 phycoerythrin lyase/isomerase

Cat. No. EXWM-5336

Lot. No. (See product label)

Introduction

Description The enzyme, characterized from the cyanobacterium *Synechococcus* sp. WH8102, catalyses the covalent attachment of the phycobilin chromophore phycoerythrin to cysteine 84 of the α subunit of the phycobiliprotein R-phycoerythrin and its isomerization to phycoerythrin.

Synonyms rpcG (gene name)

Product Information

Form Liquid or lyophilized powder

EC Number EC 4.4.1.33

Reaction [R-phycoerythrin α -subunit]-Cys84-phycoerythrin = apo-[R-phycoerythrin α -subunit] + (2R,3E)-phycoerythrin

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.