



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PE

Cat No. GTX30952-pro

Package
1 mg

PRODUCT

Summary

Phycoerythrin (RPE) is a 240 kDa protein from the light-harvesting phycobilliprotein family, present in cyanobacteria, red algae and cryptomonads. Like all phycobilliprotein, phycoerythrin is composed of a protein part, organised in a hexameric structure of alpha and beta chains, covalently binding chromophores called phycobilins. In the phycoerythrin family, the phycobilins are: phycoerythrobilin, the typical phycoerythrin acceptor chromophore, and sometimes phycourobilin (marine organisms). Phycoerythrins are the phycobilliprotein which bind the highest number of phycobilins (up to six per alpha-beta subunit dimer). Subunit structure: $(\alpha\beta)_6\gamma$. RPE purified from *Poryhyra tenera*; Absorption Maximum: 565 nm $\pm$ 2 nm (2 smaller peaks are observed at 490 and 545 nm. Emission Maximum: 580 nm. Purity: Absorbance ratio: 565/280 >5.0. Absorbance: Absorbance 1% 565 nm=82.

PROPERTIES

Form	Liquid
Buffer	10 mM phosphate, 150 mM NaCl buffer with 0.05% sodium azide.
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4° C.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Expression System	<i>Poryhyra tenera</i>
Conjugation	Unconjugated
Note	For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



For full product information, images and publications, please visit our [website](#).