

FT-326011



R-Phycoerythrin (R-PE)

Products Description

Chemical name :	R-Phycoerythrin (R-PE), lyophilised
Cat. Number :	FP-326011, 5mg FP-326012, 100 mg BULK
Format:	lyophilized powder in MiliQ water with sugar as additive.
MW:	240 kDa
Absorption Maximum:	565 nm
Emission Maximum :	575 nm
Storage:	+4°C (L, H). Store in dark with dessicant. If possible in desiccator. DO NOT FREEZE

Introduction

RPE is lyophilized powder of phycobiliprotein isolated from red algae. It is made up of ($\alpha\beta$) $_6\gamma$ subunit structure. No ammonium sulfate or other material may interfere conjugation is contained in this product

Reconstitution :

Reconstitute whole bottle of RPE (10 mg) with your conjugate buffer to adjust the concentration for further conjugation use.

Notes

Weight: One bottle of RPE contains about 10 mg of RPE with sugar as protective. It is not accurate to measure RPE directly by weight. To get an accurate weight of RPE, we recommend use its extinction coefficient as measurement (i.e. $[RPE] = 0.12245 \times A_{565}$, where $[RPE]$ is in mg/ml and A_{565} is the absorbance at 565 nm, as long as A_{565} is in the range of 0.3 to 0.8).

Usage: No preservative is added in the product. Once reconstitute it, please use it as soon as possible.

Ordering information

Catalog size quantities and prices may be found at <http://www.interchim.com>.
Please inquire for higher quantities (availability, shipment conditions).

For any information, please ask : FluoProbes® / Interchim; Hotline : +33(0)4 70 03 73 06

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Product Information

Chemical name :	R-Phycoerythrin (R-PE), lyophilised		
Cat. Number :	FP-326011, 5mg	FP-326012, 100 mg	BULK
Reconstitution :	Lyophilized powder in 10mM K-P buffer with sugar as additive. No ammonium sulfate or other material may interfere conjugation is contained in this product.		
Storage:	+4°C. Store in dark with dessicant. If possible in desiccator. DO NOT FREEZE		

Quality control

Test	Specification
Concentration	Use Extinction Coefficient
A_{565}/A_{280}	≥ 5.5
A_{565}/A_{498}	≤ 1.5
A_{620}/A_{565}	≤ 0.005
Conclusion :	<i>this batch meets the specifications</i>

For any information, please ask :

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Visa Quality FluoProbes

Date : .