Native RPE

Cat. No. RPE-426 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native R-Phycoerythrin
Description	R-Phycoerythrin (R-PE), a fluorescent protein from phycobiliprotein family, is isolated from red algae. Its primary absorption peak is at 565 nm with secondary peaks at 496 and 545 nm. The broad excitation spectrum provides the advantage for multi-color immunofluorescent staining or cell sorting. R-PE consists of a, b and g subunits and is present as (ab)6g. R-PE and the closely related BPE are the most intensely fluorescent phycobiliproteins having orange fluorescence. They are significantly brighter and more photostable than conventional organic fluorophores.
Form	60% ammonium sulfate in 100mM phosphate buffer pH 7.0 with 2mM-sodium azide.
Notes	Avoid exposure to heat and light.
Stability	1 year
Storage	Upon receipt, store at 2-8 centigrade in the dark - do not freeze. Phycobiliproteins are sensitive to freeze thaw cycles.
Concentration	> 20.00 mg/mL

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