

SMCC-Activated R-Phycoerythrin (R-PE)

Product Number D5-010
 Lot# XXXX
 Activation SMCC
 Amount: 3.5 mg

Form/Shipping & Storage

Supplied as lyophilized powder. Upon receipt please, store at -20° C. After resuspension store a 4° C

Handling

We recommend that the investigator determine the appropriate working concentration for their conjugation reaction. Avoid exposure to heat and light.

Buffer

100mM Sodium Phosphate (pH 7.0) + 5mM EDTA + 50 mM sucrose + 0.05% sodium azide after resuspension with 1mL of deionized water

Stability

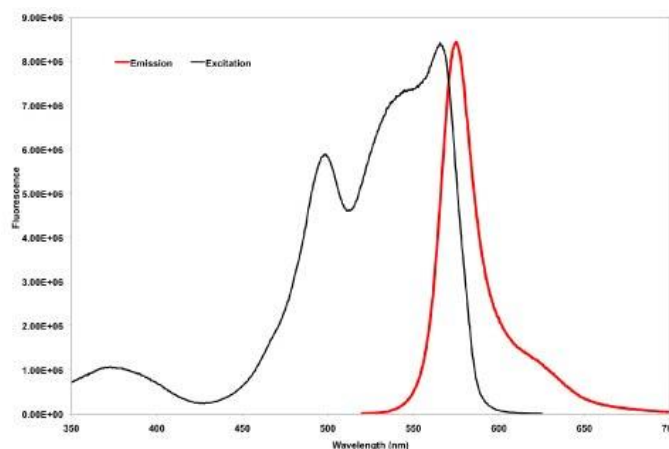
Product should be stored at 2-8°C in the dark. Product is stable for up to 1 year. Please use within 1 month after resuspension

Note

Succinimidyl 4-[N-maleimidomethyl]cyclohexane-1-carboxylate (SMCC) activated R-PE for research use only, not for diagnostic or therapeutic use.

General Information on RPE:

- Approximate molecular weight 250,000 kDa
- Subunit structure $(\alpha\beta)_6$
- Absorbance/excitation maximum 565 > 540 > 498 nm
- Emission maximum 572 nm



Fluorescence excitation and emission spectra of R-phycoerythrin in 100 mM sodium phosphate (pH 7.2) + 1 mM EDTA and 1 mM sodium azide. Emission scan was taken with excitation at 498 nm. Excitation scan was taken with emission at 575 nm. Scans were normalized to equalize peak heights.

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