



## Sulfo-SMCC Activated SureLight® APC

Product Number D3-010  
Lot # APC021-13-013  
Amount 1.00 mg total protein  
Conc 10 mg/mL  
Store at -20°C

### Form/Shipping & Storage

Supplied as freeze dried material. After reconstitution with 100  $\mu$ L of ddH<sub>2</sub>O the concentration is 10mg/mL.

### Handling

We recommend that the investigator determine the appropriate working concentration and molar excess needed for conjugation.

### Buffer

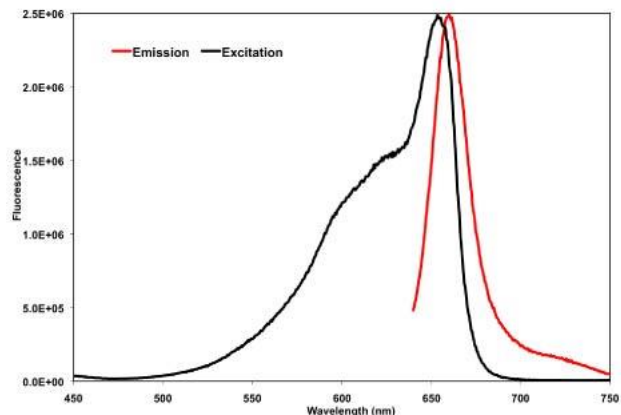
The product is in 100 mM Sodium Phosphate (pH 7.0) + 5 mM EDTA + 0.05% Sodium Azide +50mM Sucrose.

### Stability

Upon receipt as freeze dried material, store at -20°C. After reconstitution store material at 4°C. Phycobiliproteins are sensitive to freeze-thaw cycles. Once reconstituted the material should be used within 1 month.

### Note

For research use only, not for diagnostic or therapeutic use.



Fluorescence excitation and emission spectra of APC in 100 mM sodium phosphate (pH 7.2) + 1 mM EDTA and 1 mM sodium azide. The emission scan was taken with excitation at 630 nm. The excitation scan was taken with an emission at 660 nm. The curves were normalized to equalize peak heights.

### Spectral Characteristics

Visible absorption maxima	652
Emission maximum	657



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