

## APC (Allophycocyanin)

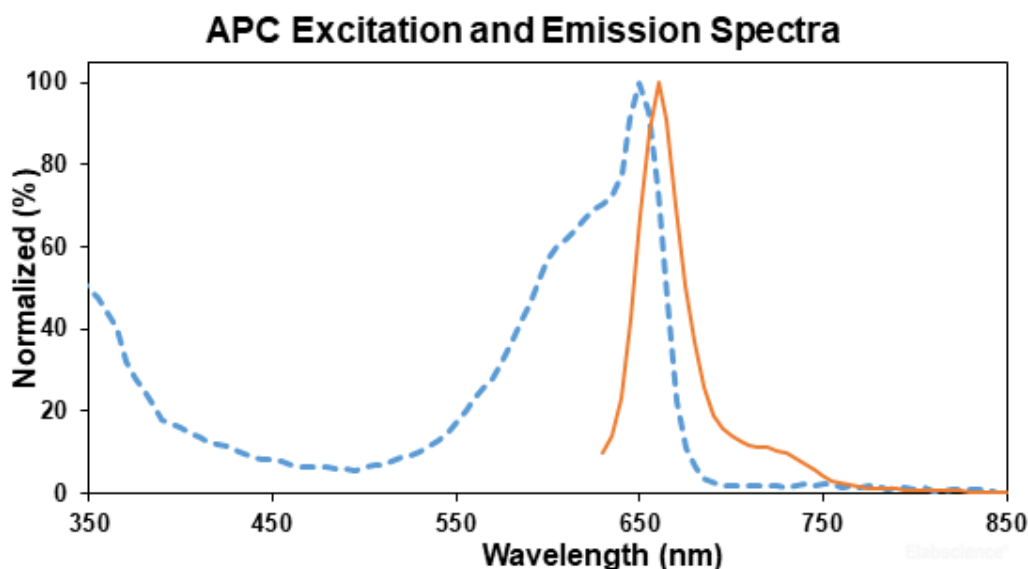
**Cat. No:** E-FN-N103

**Size:** 1mg / 5mg

## Technical Information

<b>Description</b>	APC is a phycobiliprotein purified from a species of blue green algae. APC is supplied in 100 mM potassium phosphate buffer, pH7.0 with 60% saturated (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> , 1 mM EDTA, and 1 mM Sodium Azide.
<b>Form</b>	Liquid
<b>Molecular Weight</b>	105 kDa
<b>Absorption Maximum</b>	651 nm
<b>Emission Maximum</b>	662 nm
<b>Extinction Coefficient</b>	7.0×10 <sup>5</sup> cm <sup>-1</sup> M <sup>-1</sup>
<b>Quantum Yield</b>	0.680
<b>Instruction</b>	Mix thoroughly APC until no precipitate is observed to get homogeneous solution. Further removal all the remaining ammonium sulfate and buffer exchange to the conjugation buffer.

### Spectra



<b>Storage</b>	2~8°C, shading light. Do not freeze.
<b>Shipping</b>	Ice bag
<b>Expiration date</b>	12 months