

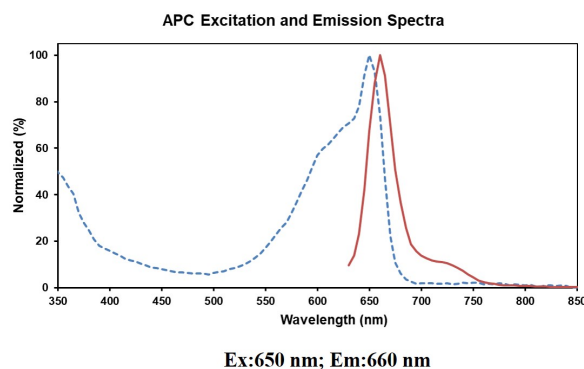
APC (Allophycocyanin)

Cat. No: GCQ0160

Technical Information

Description	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 ₄) ₂ SO ₄ , 1 mM EDTA, and 1 mM Sodium Azide.
Form	Liquid
Molecular Weight	105 kDa
Absorption Maximum	651 nm
Emission Maximum	662 nm
Extinction Coefficient	$7.0 \times 10^5 \text{ cm}^{-1} \text{ M}^{-1}$
Quantum Yield	0.68
Instruction	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



Shipping & Storage Information

Storage	This product can be stored at 2-8°C for 12 months with shading light. Do not freeze.
Shipping	Ice bag