

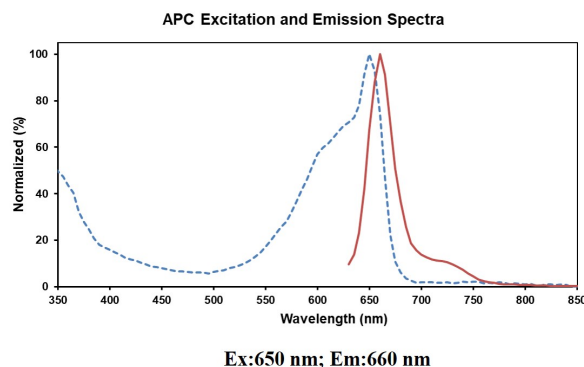
Cross-linked APC

Cat. No: GCQ0158

Technical Information

Description	Cross-linked APC creates the most stable form available as the crosslinked $\alpha\beta$ subunits provide increased structural integrity in the presence of chaotropic salts, without changing APC's photometric property. Cross-Link APC is supplied in 100 mM Potassium Phosphate buffer, pH7.0 with 60 % saturated $(\text{NH}_4)_2\text{SO}_4$, 1 mM EDTA, and 1 mM Sodium Azide.
Form	Liquid
Molecular Weight	105 kDa
Absorption Maximum	650 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 cross-link 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