

## Cross-linked APC

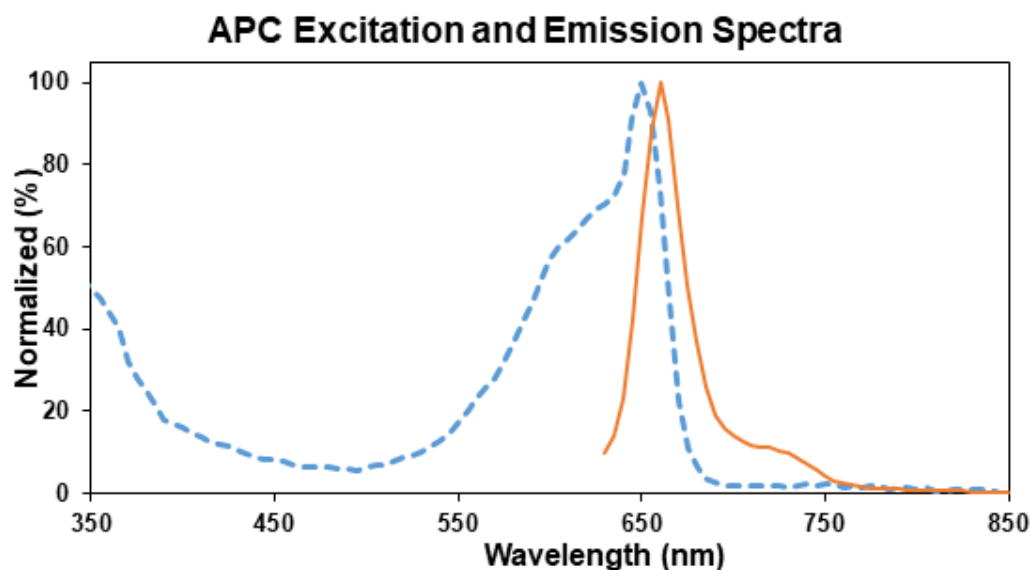
**Cat. No:** E-FN-L103

**Size:** 1mg / 5mg

## Technical Information

<b>Description</b>	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.
<b>Form</b>	Liquid
<b>Molecular Weight</b>	105 kDa
<b>Absorption Maximum</b>	650 nm
<b>Emission Maximum</b>	662 nm
<b>Extinction Coefficient</b>	$7.0 \times 10^5 \text{ cm}^{-1} \text{ M}^{-1}$
<b>Quantum Yield</b>	0.680
<b>Instruction</b>	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



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