

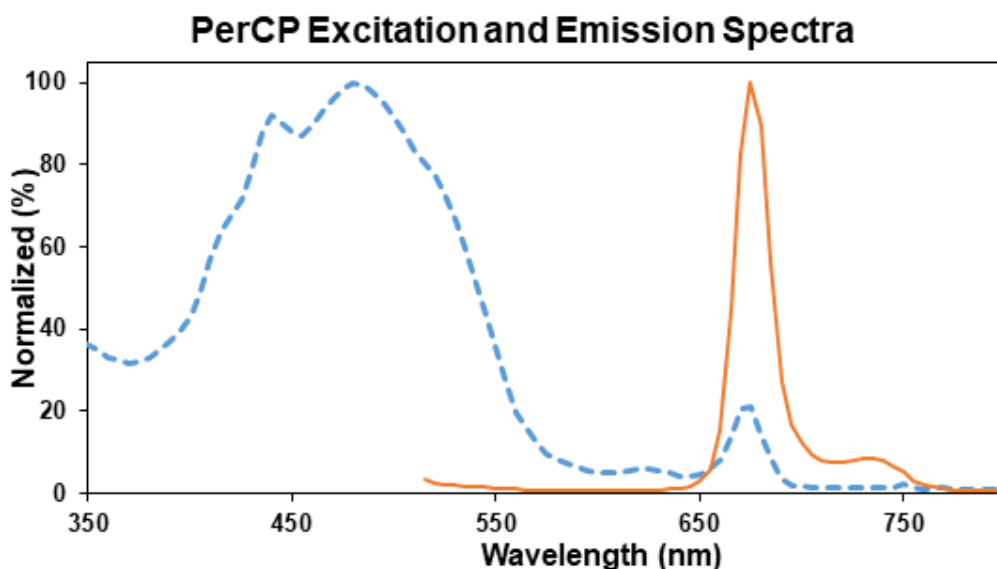
## SMCC Activated PerCP

**Cat. No:** E-FN-S104

**Size:** 100µg / 500µg

## Technical Information

<b>Description</b>	PerCP (Peridinin-chlorophyll-protein complex) is isolated from Dinophyceae sp. It has a high quantum efficiency and a large Stokes shift. It is well excited at 488 nm with its maximum emission peak at 677nm. PerCP protein is commonly used for fluorescent immunolabeling, particularly in applications involving fluorescent-activated cell sorting. Its cyanine tandem conjugates (such as PerCP-Cy5.5) can be excited with a standard 488 nm laser and emits in the far red at a longer wavelength for multicolor flow cytometric analysis of cells. These multiple emission wavelengths make PerCP- Cyanine conjugates potentially useful fluorochromes for multicolor analysis.
<b>Form</b>	Lyophilized
<b>Molecular Weight</b>	35 kDa
<b>Absorption Maximum</b>	477 nm
<b>Emission Maximum</b>	678 nm
<b>Extinction Coefficient</b>	$4.06 \times 10^5 \text{ cm}^{-1} \text{ M}^{-1}$
<b>Reconstitute</b>	Reconstitute whole bottle of SMCC-PerCP with your conjugate buffer to adjust the concentration for further use.
<b>Buffer</b>	Lyophilized SMCC-PerCP powder is prepared in 10 mM K-P buffer with sugar as additive. No ammonium sulfate or other material that may interfere conjugation is contained in this product.
<b>Spectra</b>	



<b>Storage</b>	-20°C, shading light
<b>Shipping</b>	Blue ice
<b>Expiration date</b>	6 months