

PerCP (Peridinin-Chlorophyll-Protein Complex)

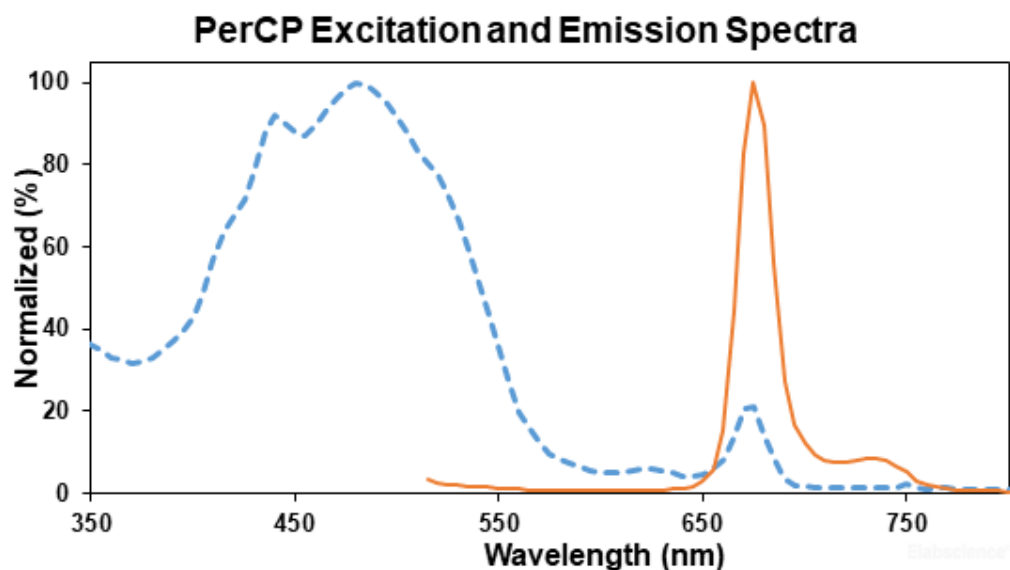
Cat. No: E-FN-N104

Size: 1mg / 5mg

Technical Information

Description 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.

Form Liquid
Molecular Weight 35 kDa
Absorption Maximum 477 nm
Emission Maximum 678 nm
Extinction Coefficient $4.06 \times 10^5 \text{cm}^{-1} \text{M}^{-1}$
Spectra



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