# PerCP (Peridinin-Chlorophyll-Protein Complex)

**Cat. No: E-FN-N104**

## Technical Information

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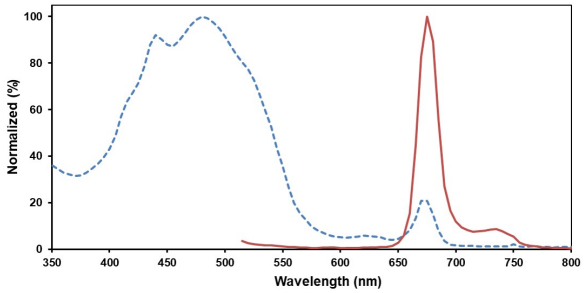
| **Description** | PerCP (Peridinin-chlorophyll-protein complex) is isolated from Dinophyceae sp. It has a high quantum efficiency and a large Stokes shift. It is well excited at 488 nm with its maximum emission peak at 677nm. PerCP protein is commonly used for fluorescent immunolabeling, particularly 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** | $4.06\times10^{5}cm^{-1}M^{-1}$ |
| **Spectra** | PerCP Excitation and Emission Spectra |




Ex:440;480;675 nm; Em:675 nm

## Shipping & Storage Information

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