

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

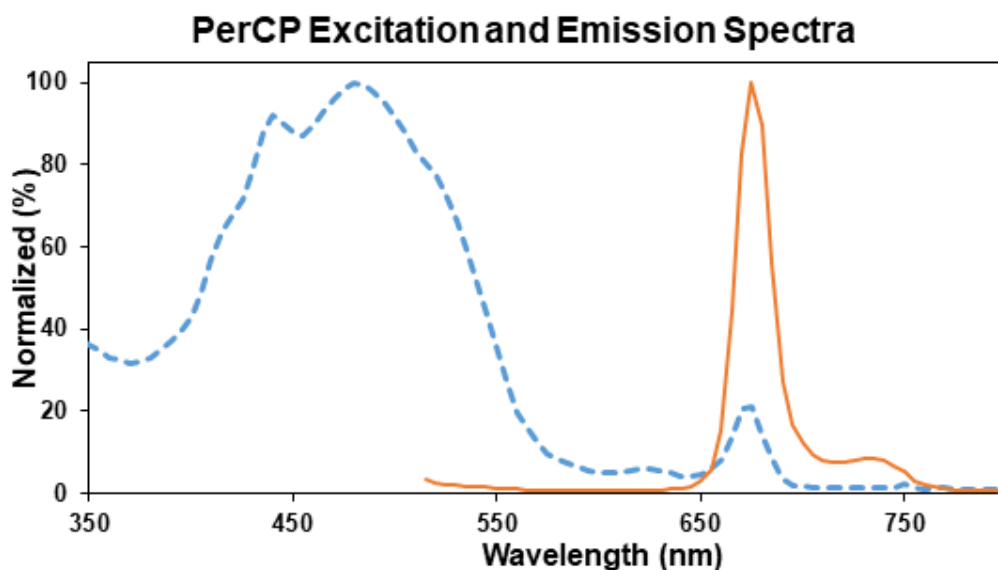
Emission Maximum

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