

Specification Sheet

Peridinin-Chlorophyll-Protein Fluorescent Protein Complex(PerCP-FIVE)

From	Pyrrophyta
Molecular Weight	35 kDa
Absorption Maximum	480 nm± 2nm
Emission Maximum	675 nm± 2nm
Extinction Coefficient	0.406 × 10 ⁶ cm ⁻¹ M ⁻¹
Protein Concentration	≥ 15 mg/ml
Purity	A481/A280 4.2 A481/A440 1.05 A481/A670 4.0 A620/A481 0.05
Stability	Supplied in 100 mM solution of sodium phosphate buffer, pH 7.5, 15mM sodium azide
Shelf life	2 years under proper storage conditions.
Storage	Store at 4°C, away from light. Do not freeze.
Preparation Before Use	PerCP is stored in containing salty solutions. Therefore, PerCP needs to be desalting. it must be extensively dialyzed prior to use or column to remove any remaining . Use PBS or your conjugation buffer (1 ml of PerCP to 1 liter buffer) to dialyze at least two changes of buffer.
Origin	R.O.C.