

Recombinant Cyan Fluorescent Protein, His-tagged

Cat. No. CFP-2906 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The recombinant CFP (Cyan Fluorescent Protein) is expressed in E. coli with an N-terminal His tag and purified by a method that ensures high purity and maximal CFP fluorescence.
Species	Cyan
Source	E.coli
Form	Freeze dried
Molecular Mass	31.3kDa
AA Sequence	MSGGEELFAGIVPVLIELDGDVHGHKFSVRGEGEGDADYGKLEIKFICTTGKLPVPW PTLVTTLAWGIQCFARY PEHMKMNDFFKSAMPEGYIQERTIHQDDGKYKTRGEVK FEGDTLVNRVELKGEGFKEDGNILGHKLEYSASD NVYIMPDKANNGLEANFKIRHNI EGGGVQLADHYQTNVPLGDGPVLIPINHYLSCQSAISKDRNEARDHMLLE SFSAY CHTHGMDELYRSGLRRAQASNSAVDGTAGPGSTGSR
Endotoxin	<0.1>
Purity	≥97% by SDS-PAGE and HPLC
Applications	Use as standards for SDS-PAGE, Western blot analysis of CFPtransfected cells, label other proteins, calibration of fluorometers and flow cytometers, fluorescence microscope, or microinjection of CFP into cells and tissues, etc.

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Storage	-80 centigrade for long-term storage.
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Reconstitution	Reconstitute with dH ₂ O to 1 mg/ml
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