

Recombinant GFP Protein

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Catalog No.	Amount	Lot Number
632373	100 µg	Specified on product label.

Description

Recombinant green fluorescent protein (rGFP) purified from transformed *E. coli* using a proprietary method that ensures optimal purity of the GFP protein and integrity of its fluorescence. Suitable for use as a control reagent for GFP expression studies or for microinjection into cells or tissue. Also suitable for use as a standard for protein gels, Western blots, and for fluorometer or FACS machine calibration. GFP is an ~27-kDa monomer with 238 amino acids.

Package Contents

- 100 µg recombinant GFP protein

Storage Conditions

- -70°C

Shelf Life

- 1 year from date of receipt under proper storage conditions.

Storage Buffer

- 10 mM Tris-HCl (pH 8.0), 10 mM EDTA

Concentration

- 1 mg/ml

Shipping Conditions

- Dry ice (-70°C)

References

1. Smith, P. K., *et al.* (1985) *Anal. Biochem.* 150:76–85.

Quality Control Data

1 µg of rGFP from each lot was analyzed by SDS-polyacrylamide gel electrophoresis with Coomassie blue staining. A single, sharp band of the expected molecular weight (~27 kDa) was observed.

Protein concentration was verified by the bicinchoninic acid (BCA) method (4). The concentration of rGFP (assayed in triplicate) was 1 mg/ml ±0.1 mg/ml (i.e., ±10%).

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(PA144472)			

rGFP Protein

CATALOG NO.

632373

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