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

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%).
Notice to Purchaser

rGFP Protein

CATALOG NO.
632373

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<thead>
<tr>
<th>United States/Canada</th>
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