

Enhanced Green Fluorescent Protein (EGFP) recombinant protein

Recombinant EGFP Protein, Enhanced Green Fluorescent Protein Catalog # PBV10534r

Specification

Enhanced Green Fluorescent Protein (EGFP) recombinant protein - Product info

Calculated MW

32.7 kDa KDa

Enhanced Green Fluorescent Protein (EGFP) recombinant protein - Additional Info

Other Names

E-GFP, Enhanced Green Fluorescent Protein

Source
Assay&Purity
Assay2&Purity2
Recombinant
Application Notes
Reconstitute with PBS to 1 mg/ml

E. coli SDS-PAGE; ≥97% HPLC; ≥97% Yes

Format Lyophilized protein

Storage

-80°C; Freeze Dried

Enhanced Green Fluorescent Protein (EGFP) recombinant protein - Protocols

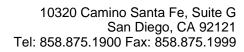
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Enhanced Green Fluorescent Protein (EGFP) recombinant protein - Images

Enhanced Green Fluorescent Protein (EGFP) recombinant protein - Background

The recombinant EGFP is expressed and purified from transformed E. coli using a method that ensures high purity and maximal GFP fluorescence. Endotoxin has been removed, so the protein is suitable for in vivo injection or cell culture applications. The recombinant EGFP (Gene Bank Accession no. U57607) is a 32.7 kDa monomer with 293 amino acids tagged with 6XHis on both N-and C-terminus. Therefore, the EGFP can be detected by both His-tag antibody (Cat.# 3998-100) and GFP antibody on Western Blot analysis. The excitation and emmission spectra for the





recombinant EGFP is identical to GFP purified from Aequorea Victoria (Chalfie et al, 1994), with Ex/Em = 488/507 nm (ϵ 489 nm = 55,000 M⁻¹ Cm⁻¹; ϵ 280 nm = 21980 M⁻¹ Cm⁻¹).