

# EGFP Recombinant Protein



RPPB3400

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## Product Information    Protein Information

**Product SKU:**

RPPB3400

**Host:**

Escherichia Coli.

**Protein description:**

Recombinant EGFP produced in E.coli cells is a non-glycosylated, homodimeric protein containing 239 amino acid chain and having a molecular mass of 26.9kDa. EGFP is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Green fluorescent protein, GFP.

**Formulation:**

The EGFP was lyophilized from a 0.2µm filtered concentrated solution in PBS pH 7.4.

**Purity:**

Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized EGFP in sterile distilled H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized EGFP although stable at room temperature for 3 weeks, should be stored desiccated below -180C. Upon reconstitution EGFP should be stored at 40C between 2-7 days and for future use below -180C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.

**Amino Acid Sequence:**

MVSKGEELFT GVPVILVELD GDVNGHKFSV SGEGEGDATY GKLTLEKFICT TGKLPVPWPT LVTTLTYG VQ  
CFSRYPDHMK QHDFFSAMP EGYVQERTIF FKDDGNYKTR AEVKFE GDTL VNRIELK GID FKEDGNILGH  
KLEYNYN SHN VYIMADKQKN GIKVNFKIRH NIEDGSVQLA DHYQQNTPIG DGPVLLPDNH YLSTQSALS K  
DPNEKRDMV LLEFVTAAGI TLGMDELYK