

# Recombinant Human EGFP protein

**Cat. No.** EGFP-411H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human EGFP protein( P42212) was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E. coli
<b>Form</b>	Lyophilized from a 0.2 µ filtered concentrated solution in PBS, pH 7.4.
<b>Molecular Mass</b>	Approximately 26.9 kDa, a single non-glycosylated polypeptide chain containing 239 amino acids.
<b>AASequence</b>	MVSKGEELFT GVPILVELD GDVNGHKFSV SGEGEGDATY GKLTLEFICT TGKLPVPWPT LVTTLYGVQ CFSRYPDHMK QHDFFKSAMP EGYVQERTIF FKDDGNYKTR AEVKFEGDTL VNRIELKGID FKEDGNILGH KLEYNYN SHN VYIMADKQKN GIKVNFKIRH NIEDGSVQLA DHYQQNTPIG DGPVLLPDNH YLSTQSALS K DPNEKRDH MV LLEFVTAAGI TLGMDELYK
<b>Endotoxin</b>	Less than 1 EU/g of reGFP as determined by LAL method.
<b>Purity</b>	> 95 % by SDS-PAGE and HPLC analyses.
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at  $\leq -20$  °C. Further dilutions should be made in appropriate buffered solutions.

**SDS-PAGE**

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