Recombinant EGFP protein

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

SPECIFICATION

Product Overview	Recombinant Human EGFP protein(P42212) was expressed in E. coli.
Species	Aequorea Victoria
Source	E. coli
Form	Lyophilized from a 0.2 μm filtered concentrated solution in PBS, pH 7.4.
Molecular Mass	Approximately 26.9 kDa, a single non-glycosylated polypeptide chain containing 239 amino acids.
AASequence	MVSKGEELFT GVVPILVELD GDVNGHKFSV SGEGEGDATY GKLTLKFICT TGKLPVPWPT LVTTLTYGVQ CFSRYPDHMK QHDFFKSAMP EGYVQERTIF FKDDGNYKTR AEVKFEGDTL VNRIELKGID FKEDGNILGH KLEYNYNSHN VYIMADKQKN GIKVNFKIRH NIEDGSVQLA DHYQQNTPIG DGPVLLPDNH YLSTQSALSK DPNEKRDHMV LLEFVTAAGI TLGMDELYK
Endotoxin	Less than 1 EU/μg of reGFP as determined by LAL method.
Purity	> 95 % by SDS-PAGE and HPLC analyses.
Storage	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 ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.
SDS-PAGE	

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