

Recombinant *Aequorea victoria* EGFP protein

Cat. No. EGFP-4A Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Aequorea victoria</i> EGFP protein(P42212)(239aa) was expressed in <i>E.coli</i> .
Species	<i>Aequorea victoria</i>
Source	<i>E.coli</i>
ProteinLength	239aa
Form	Lyophilized from a 0.2 µ filtered concentrated solution in PBS, pH 7.4.
Molecular Mass	Approximately 26.9 kDa, a single non-glycosylated polypeptide chain containing 239 amino acids.
AA Sequence	MVSKGEELFT GVPILVELD GDVNGHKFSV SGEGEGDATY GKLTCLKFICT TGKLPVPWPT LVTTLTLYGVQ CFSRYPDHMK QHDFFKSAMP EGYVQERTIF FKDDGNYKTR AEVKFEGDTL VNRIELKGID FKEDGNILGH KLEYNYNSHN VYIMADKQKN GIKVNFKIRH NIEDGSVQLA DHYQQNTPIG DGPVLLPDNH YLSTQSALS K DPNEKRDH MV LLEFVTAAGI TLGMDELYK
Endotoxin	Less than 1 EU/g 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.

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- 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.

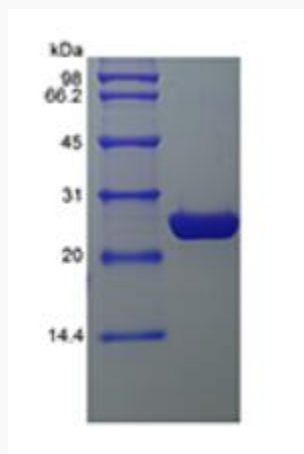
Reconstitution

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.

GENE INFORMATION

Official Symbol EGFP

UniProt ID [P42212](#)

SDS-PAGE

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