

Enhanced Green Fluorescent Protein Recombinant Protein | EGFP recombinant protein

Recombinant Enhanced Green Fluorescent Protein

CATALOG #
AAA10902

PRODUCT SYNONYMS

Enhanced Green Fluorescent Protein; Recombinant Enhanced Green Fluorescent Protein; Green fluorescent protein; GFP.; EGFP recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	Greater than 95.0% as determined by: (a) Analysis by RP-HPLC (b) Analysis by SDS-PAGE
Form/Format	The EGFP was lyophilized from a 0.2 um filtered concentrated solution in PBS pH 7.4
Sequence	MVSKGEELFT GVPILVELD GDVNGHKFSV SGEGEDATY GKLT LKFICT TGKLPVPWPT LVTTLT YGVQ CFSRYPDHMK QHDFFSAMP EGYVQERTIF FKDDGNYKTR AEVKFEGDTL VNRIELKGID FKEDGNILGH KLEYNYN SHN VYIMADKQKN GIKVNFKIRH NIEDGSVQLA DHYQQNTPIG DGPVLLPDNH YLSTQSALSK DPNEKRDH MV LLEFVTAAGI TLGMDELYK
Sequence Length	239
Source	Escherichia coli
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Solubility	It is recommended to reconstitute the lyophilized EGFP in sterile distilled H ₂ O not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Preparation and Storage	Lyophilized EGFP although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution EGFP should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles

ADDITIONAL INFORMATION

Related Product Information for EGFP recombinant 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.
Product Categories/Family for EGFP recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	13194618
NCBI Official Full Name	enhanced green fluorescent protein

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.