

Green Fluorescent Protein Recombinant Protein | GFP recombinant protein

Recombinant Green Fluorescent Protein (GFP)

CATALOG # AAA150256	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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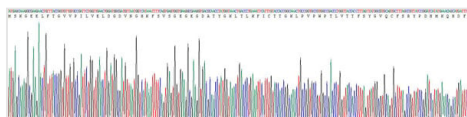
PRODUCT SYNONYMS

Green Fluorescent Protein; Recombinant Green Fluorescent Protein (GFP); GFP recombinant protein

PRODUCT SPECIFICATIONS

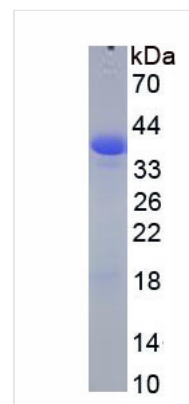
Host	E Coli
Purity/Purification	>90%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence Positions	KETWWETWWTEWSQPKKKRKG-Met1~Lys238-TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Sequence Length	238
Applicable Applications for GFP recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Species	General
Tag	N-terminal His Tag
Isoelectric Point	5.6
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. Stability: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Gene Sequence

Figure. Gene Sequencing (Extract)



SDS-PAGE

Figure. SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	1169893
UniProt Accession #	P42212
Molecular Weight	Predicted Molecular Mass: 37.0kDa Accurate Molecular Mass: 39kDa
NCBI Official Full Name	Green fluorescent protein
UniProt Protein Name	Green fluorescent protein
UniProt Gene Name	GFP
UniProt Entry Name	GFP_AEQVI

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.

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Online datasheet: <https://stage.aaabiotech.com/gfp-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/150256>