

Green Fluorescent Protein (GFP) Protein | GFP protein

Eukaryotic Green Fluorescent Protein (GFP)

CATALOG # AAA147137	HOST Yeast	REACTIVITY Pan-species (General)	APPLICATIONS Western Blot, SDS-Page
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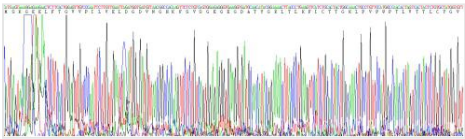
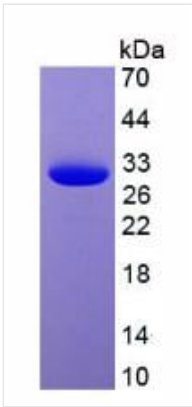
PRODUCT SYNONYMS

Green Fluorescent Protein (GFP); Eukaryotic Green Fluorescent Protein (GFP); GFP protein

PRODUCT SPECIFICATIONS

Host	Yeast
Reactivity	Pan-species (General)
Purity/Purification	> 95%
Form/Format	PBS, pH7.4, containing 20%Glycerine
Concentration	Original Concentration: 600ug/mL (varies by lot)
Applicable Applications for GFP protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Eukaryotic expression
Residues	Met1~Lys238
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Liquid
Predicted isoelectric point	5.7
Usage	Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: 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



Application Data

SDS-PAGE

MSKGEELFTG VVPILVELDG DVNGHKFSVS GEGEDATYG KLTlkFICTT
GKLPVPWPTL VTTFSYGVQC FSRYPDHMKQ HOFFKSAMPE GYVQERTIFF
KDDGNYKTRA EVKFEGDTLV NRIELKGIDF KEDGNILGHK LEYNYNSHNV
YIMADKQKNG IKVNFKIRHN IEDGSVQLAD HYQNTPIGD GPVLLPDNHY
LSTQSALSKD PNEKRDMVL LEFVTAAGIT HGMDLYK

Sequence

ADDITIONAL INFORMATION

Product Categories/Family for GFP protein	Eukaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	81883123
UniProt Accession #	Q5M8C6
Molecular Weight	Predicted Molecular Mass: 27.1kDa Accurate Molecular Mass: 28kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	Fibrinogen-like protein 1
UniProt Protein Name	Fibrinogen-like protein 1
UniProt Gene Name	Fgl1

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/yeast-general-protein/green-fluorescent-protein-gfp/147137>