Eukaryotic Green Fluorescent Protein (GFP) Instruction Manual

SFPD012Ge51

Pan-species (General)

Source	Eukaryotic expression
Host	Yeast
Endotoxin Level	<1.0EU per 1μg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	27.1kDa
Accurate Molecular Mass	28kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Lys238 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 20%Glycerine.
Traits	Liquid
Purity	> 95%
Isoelectric Point	5.7
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

MSKGEELFTG VVPILVELDG DVNGHKFSVS GEGEGDATYG KLTLKFICTT
GKLPVPWPTL VTTFSYGVQC FSRYPDHMKQ HDFFKSAMPE GYVQERTIFF
KDDGNYKTRA EVKFEGDTLV NRIELKGIDF KEDGNILGHK LEYNYNSHNV
YIMADKQKNG IKVNFKIRHN IEDGSVQLAD HYQQNTPIGD GPVLLPDNHY
LSTQSALSKD PNEKRDHMVL LEFVTAAGIT HGMDELYK

USAGE

Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

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°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.

Image

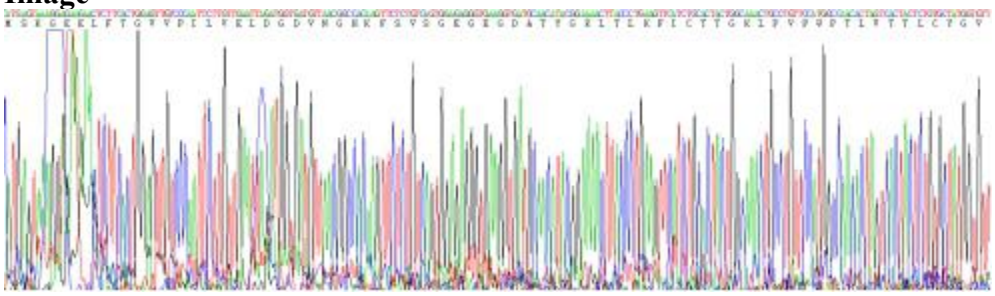

Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.