

EPD025Ge51 10µg
Eukaryotic Green Fluorescent Protein (GFP)
Organism Species: *Pan-species (General)*
Instruction manual

FOR RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Eukaryotic expression

Host: Yeast

Residues: Met1~Lys238

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 95%

Traits: Liquid

Buffer formulation: PBS, pH7.4, containing 10%Glycerine.

Original Concentration: 300µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 5.7

Predicted Molecular Mass: 27.1kDa

Accurate Molecular Mass: 28kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -20°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°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.

[SEQUENCE]

MSKGEELFTG VVPILVELDG DVNGHKFSVS GEGEDATYG KLTLKFICTT
GKLPVPWPTL VTTFSYGVQC FSRYPDHMKQ HFFKSAMPE GYVQERTIFF
KDDGNYKTRA EVKFEGDTLV NRIELKGIDF KEDGNILGHK LEYNYNSHNV
YIMADKQKNG IKVNFKIRHN IEDGSVQLAD HYQNTPIGD GPVLLPDNHY
LSTQSALSKD PNEKRDHMLV LEFVTAAGIT HGMDELYK

[IDENTIFICATION]

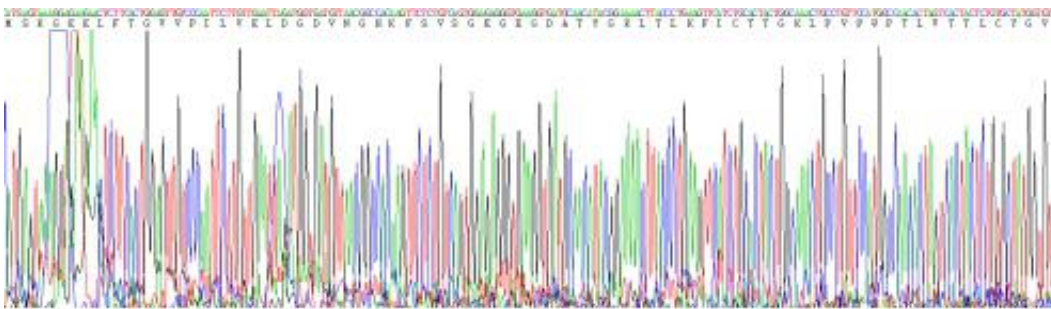


Figure . Gene Sequencing (extract)

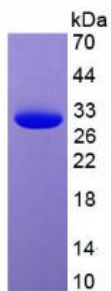


Figure. SDS-PAGE

[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.