

**EPD025Ge51 50µg**  
**Eukaryotic Green Fluorescent Protein (GFP)**  
**Organism Species: *Pan-species (General)***  
***Instruction manual***

FOR RESEARCH USE ONLY  
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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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 20%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 week.

Aliquot and store at -80°C for 6 months.

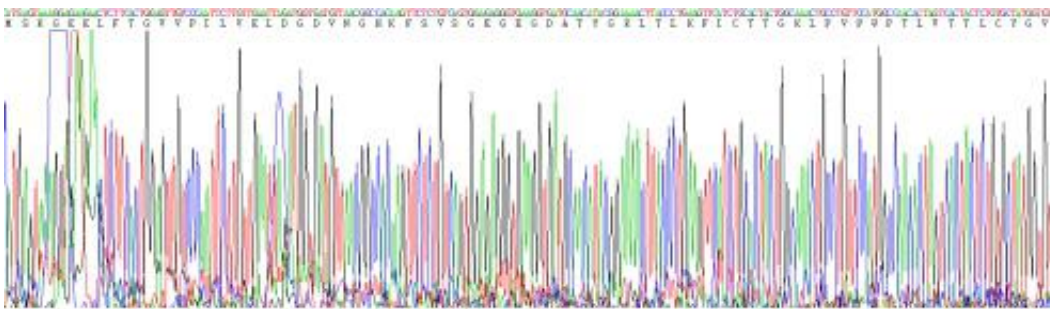
**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**[ SEQUENCE ]**

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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)**

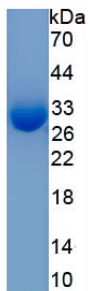


Figure. SDS-PAGE

**[ 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.