

Recombinant Glial Fibrillary Acidic Protein (GFAP) Instruction Manual

SIPA293Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Cytoplasm, Chromosome
Predicted Molecular Mass	39.7kDa
Accurate Molecular Mass	40kDa(Analysis of differences refer to the manual)
Residues & Tags	Met70~Ile374 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	5.1
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

```
          M MELNDRFASY IEKVRFLEQQ NKALAAELNQ  
LRAKEPTKLA DVYQAEAREL RLRLDQLTAN SARLEVERDN FAQDLGTLRQ  
KLQDETNLRL EAENNLAAAYR QEADEATLAR VDLERKVESL EEEIQFLRKI  
YEEEVRELRE QLAQQQVHVE MDVAKPDLTA ALREIRTQYE AVATSNMQET  
EEWYRSKFAD LTDAASRNAE LLRQAKHEAN DYRRQLQALT CDLES LRGTN  
ESLERQMREQ EERHARESAS YQEALARLEE EGQSLKEEMA RHLQEYQDLL  
NVKLALDIEI ATYRKLLEGE ENRI
```

USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. 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

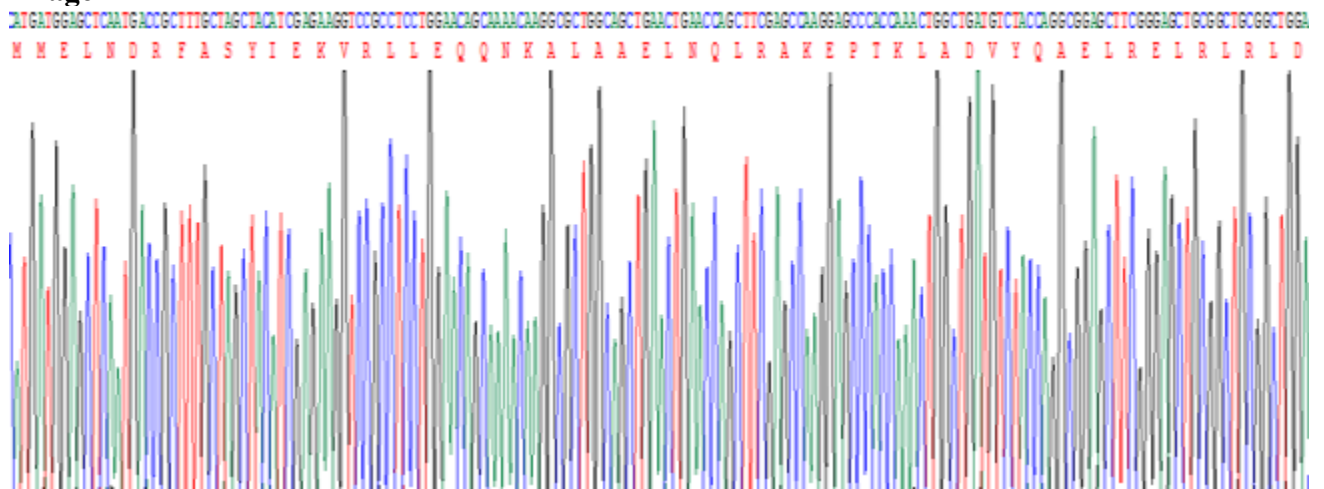


Figure. SDS-PAGE

[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.