

Recombinant Glial Fibrillary Acidic Protein (GFAP) Instruction Manual

SIPA293Ra02

Rattus norvegicus (Rat)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Cytoplasm
Predicted Molecular Mass	53.6kDa
Accurate Molecular Mass	54kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Met430 with N-terminal His Tag
Buffer Formulation	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	5.4
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

MERRRITSAR RSYASSETMV RGHGPTRH LG TIPRLSLSRM TPPLPARVDF
SLAGALNAGF KETRASERA E MMELNDRFAS YIEKVRFL EQ QNKALAAELN
QLRAKEPTKL ADVYQAE LRE LRLRLDQLTT NSARLEVERD NLTQDLGTLR
QKLQDET NLR LEAENNLAVY RQEAEATLA RVDLERKVES LEEEIQFLRK
IHEEEVRELQ EQLAQQQVHV EMDVAKPDLT AALREIRTQY EAVATSNMQE
TEEWYRSKFA DLTDVASRNA ELLRQAKHEA NDYRRQLQAL TCDLESLRGT
NESLERQMRE QEERHARESA SYQEALARLE EEGQSLKEEM ARHLQEYQDL
LNVKLALDIE IATYRKLL EG EENRITIPVQ TFSNLQIRET SLDTKSVSEG
HLKRNIVVKT VEMRDGEVIK ESKQEHKDVM

USAGE

Reconstitute in ddH₂O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

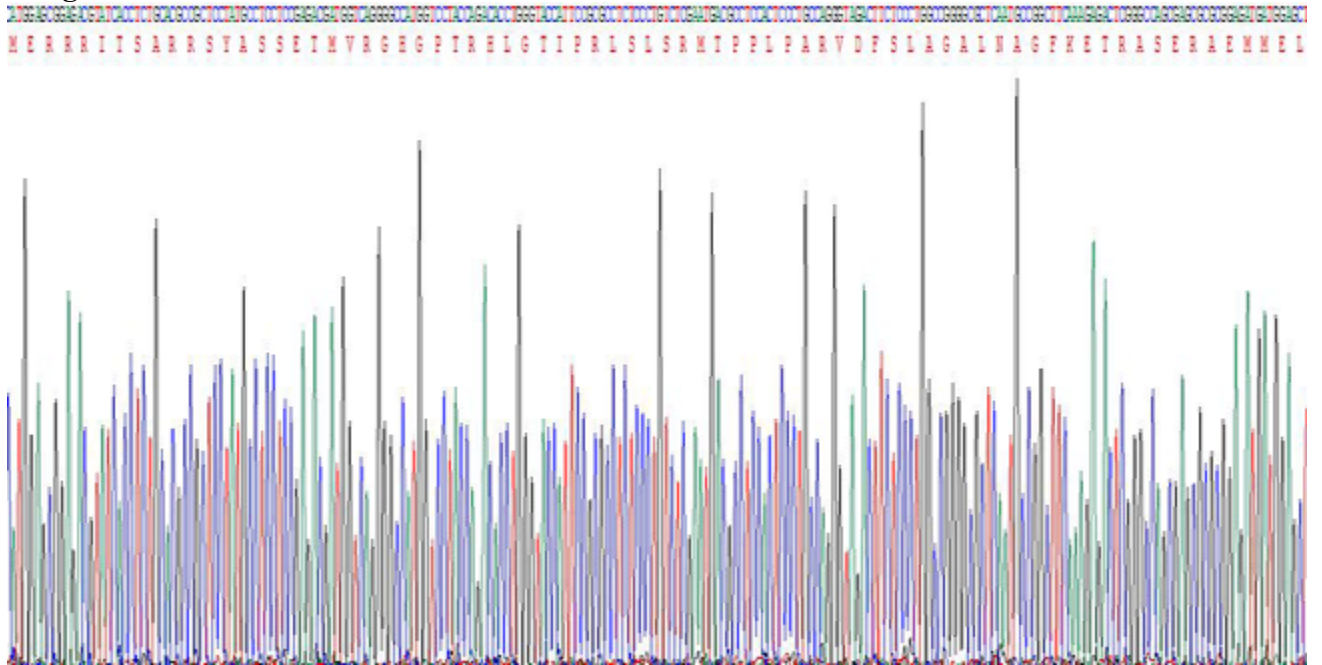
STORAGE

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



SDS-PAGE Image

[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.