

RPA068Hu01 500µg

Recombinant Glial Fibrillary Acidic Protein (GFAP)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Met1~Met432

Tags: N-terminal His Tag

Subcellular Location: Cytoplasm

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.

Original Concentration: 200µg/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: 5.2

Predicted Molecular Mass: 53.7kDa

Accurate Molecular Mass: 55kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°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]

MERRRITSAA RRSYVSSGEM MVGGLAPGRR LGPGTRLSLA RMPPPLPTRV
 DFSLAGALNA GFKETRASER AEMMELNDRF ASYIEKVRFL EQQNKALAAE
 LNQLRAKEPT KLADVYQAEI RELRLRLDQL TANSARLEVE RDNLAQDLAT
 VRQKLQDETQ LRLEAENNLA AYRQEADEAT LARLDLERKI ESLEEEIRFL
 RKIHEEEVRE LQEQLARQQV HVELDVAKPD LTAALKEIRT QYEAMASSNM
 HEAEWYRSK FADLTDAAAR NAELLRQAKH EANDYRRQLQ SLTCDLES LR
 GTNESLERQM REQEERHVRE AASYQEALAR LEEEGQSLKD EMARHLQEYQ
 DLLNVKLALD IEIATYRKLL EGEENRITIP VQTFSNLQIR ETSLDTKSVS
 EGHKRNIVV KTVEMRDGEV IKESKQEHKD VM

[IDENTIFICATION]

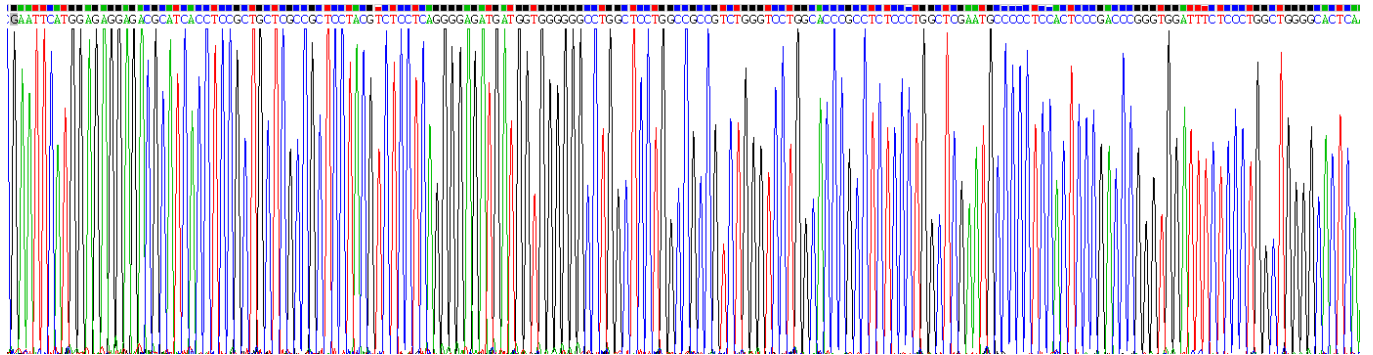


Figure . Gene Sequencing (extract)

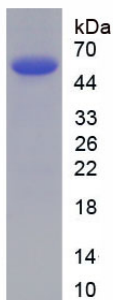


Figure. SDS-PAGE

[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.