

RPA822Hu01 10µg

Recombinant Heat Shock Protein 60 (Hsp60)

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~Phe573

Tags: N-terminal His Tag

Subcellular Location: Mitochondrion

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% Sarcosyl, 5% Trehalose and Proclin300.

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: 6.1

Predicted Molecular Mass: 62.3kDa

Accurate Molecular Mass: 62kDa 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]

```
MLRLPTVFRQ MRPVSRVLAP HLTRAYAKDV KFGADARALM LQGVDLLADA
VAVTMGPKGR TVIIEQSWGS PKVTKDGTV AKSIDLKDKY KNIGAKLVQD
VANNTNEEAG DGTITATVLA RSIAKEGFEK ISKGANPVEI RRGVMLAVDA
VIAELKKQSK PVTTPPEIAQ VATISANGDK EIGNIISDAM KKVGRKGVIT
VKDGKTLNDE LEIEGGMKFD RGYISPYFIN TSKGQKCEFQ DAYVLLSEKK
ISSIQSIVPA LEIANHRKP LVIIAEDVDG EALSTLVNLR LKVGLQVVAV
KAPGFGDNRK NQLKDMAIAT GGAVFGEEGL TLNLEDVQPH DLGKVGIVIV
TKDDAMLLKG KGDKAQIEKR IQEIEQLDV TTSEYEKEKL NERLAKLSDG
VAVLKVGGS DVEVNEKKDR VTDALNATRA AVEEGIVLGG GCALLRCIPA
LDSLTPANED QKIGIEIKR TLKIPAMTIA KNAGVEGSLI VEKIMQSSSE
VGYDAMAGDF VNMVEKGIID PTKVVRTALL DAAGVASLLT TAEVVVTEIP
KEEKDPGMGA MGGMGGGMGG GMF
```

[IDENTIFICATION]

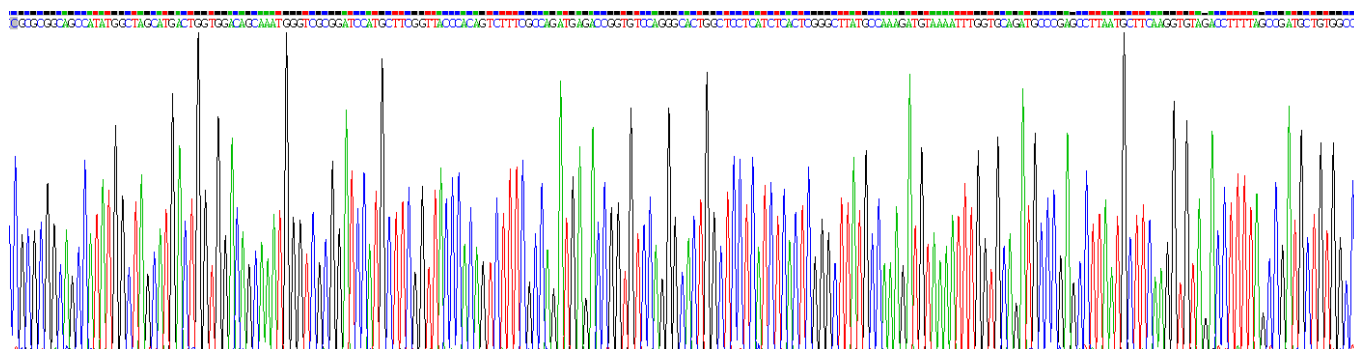
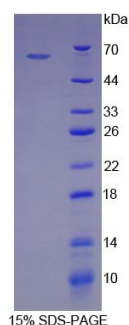


Figure . Gene Sequencing (extract)



[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.