RPB062Hu01 10µg

Recombinant Heat Shock 70kDa Protein 1 Like Protein (HSPA1L)

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~Asp641

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 95%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, 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: 6.0

Predicted Molecular Mass: 71.6kDa

Accurate Molecular Mass: 72kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8⁰C for one month.

Aliquot and store at -80⁰C 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]

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MATAKGIAIG  IDLGTTYSCV  GVFQHGKVEI  IANDQGNRTT  PSYVAFTDTE
RLIGDAAKNQ  VAMNPQNTVF  DAKRLIGRKF  NDPVVQADMK  LWPFQVINEG
GKPKVLVSYK  GENKAFYPEE  ISSMVLTKLK  ETAEAFLGHP  VTNAVITVPA
YFNDSQRQAT  KDAGVIAGLN  VLRIINEPTA  AAIAYGLDKG  GQGERHVLIF
DLGGGTFDVS  ILTIDDGIFE  VKATAGDTHL  GGEDFDNRLV  SHFVEEFKRK
HKKDISQNKR  AVRRLRTACE  RAKRTLSSST  QANLEIDSLY  EGIDFYTSIT
RARFEELCAD  LFRGTLEPVE  KALRDAKMDK  AKIHDIVLVG  GSTRIPKVQR
LLQDYFNGRD  LNKSINPDEA  VAYGAAVQAA  ILMGDKSEKV  QDLLLLDVAP
LSLGLETAGG  VMTALIKRNS  TIPTKQTQIF  TTYSDNQPGV  LIQVYEGERA
MTKDNNLLGR  FDLTGIPPAP  RGVPQIEVTF  DIDANGILNV  TATDKSTGKV
NKITITNDKG  RLSKEEIERM  VLDAEKYKAE  DEVQREKIAA  KNALESYAFN
MKSVVSDEGL  KGKISESDKN  KILDKCNELL  SWLEVNQLAE  KDEFDHKRKE
LEQMCNPIIT  KLYQGGCTGP  ACGTGYVPGR  PATGPTIEEV  D
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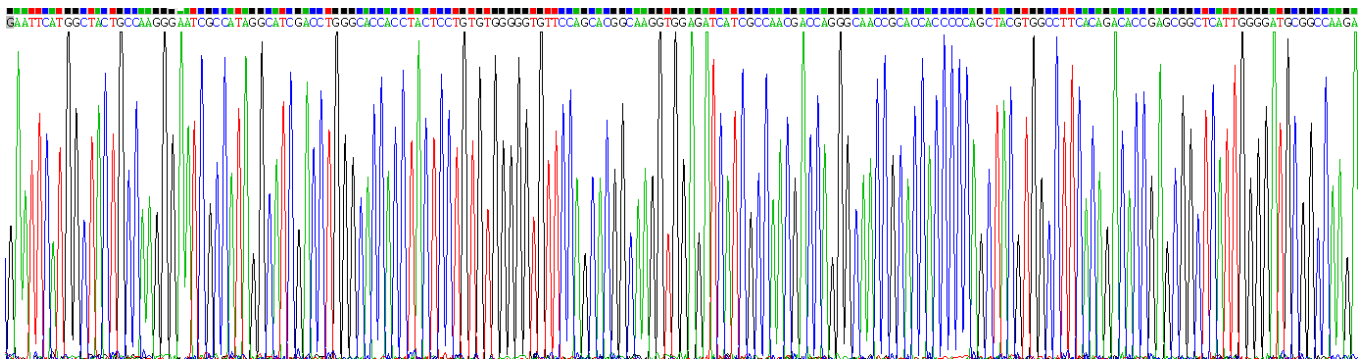
[IDENTIFICATION]

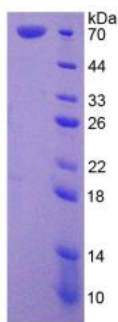**Figure . Gene Sequencing (extract)**

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.