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

**Catalog Number: SIPB041Hu01** **Spec: 10ug**

| | |
|---|---|
| **Product Name** | Recombinant Heat Shock 70kDa Protein 1 Like Protein (HSPA1L) |
| **Catalog Number** | SIPB041Hu01 |
| **Organism Species** | Human |
| **Source** | Prokaryotic expression |
| **Host** | E.coli |
| **Residues** | Met1~Asp641 |
| **Tags** | N-terminal His Tag |
| **Subcellular Location** | Secreted |
| **Purity** | > 90% |
| **Traits** | Freeze-dried powder |
| **Buffer formulation** | PBS, pH7.4, containing 0.01% Sarcosyl, 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 2-8ºC for one month.

Aliquot and store at -80ºC 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 ]**

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

**[ IDENTIFICATION ]**

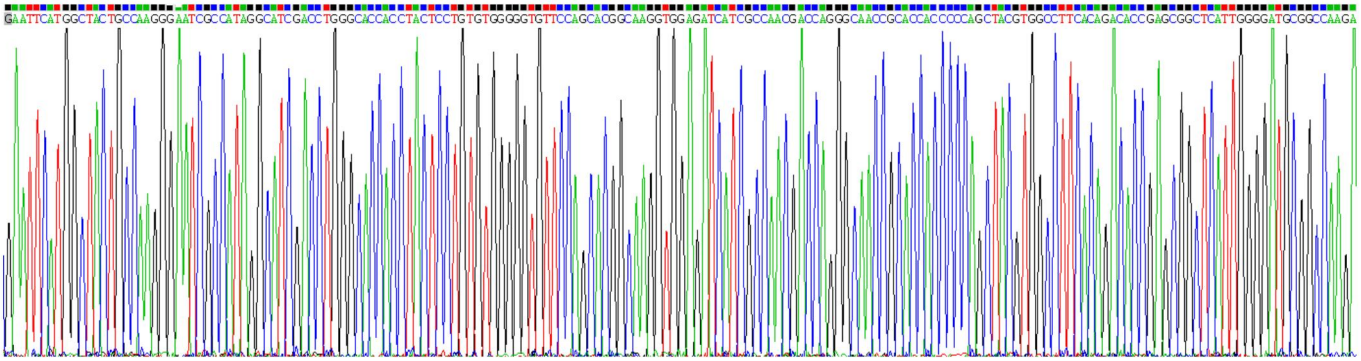


Figure . Gene Sequencing (extract)

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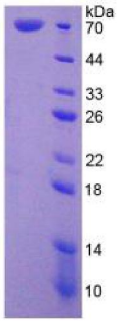



Figure. SDS-PAGE

**[ 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.