

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

SIPB041Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	71.6kDa
Accurate Molecular Mass	72kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Asp641 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	6.0
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

```
MATAKGIAIG IDLGTTYSCV GVFQHGKVEI IANDQGNRTT PSYVAFTDTE  
RLIGDAAKNQ VAMNPQNTVF DAKRLIGRKF NDPVVQADMK LWPQVINEG  
GKPKVLVSYK GENKAFYPEE ISSMVLTKLK ETAEAF LGHP VTNNAVITVPA  
YFNDSQRQAT KDAGVIAGLN VLRIINEPTA AAIAYGLDKG GQGERHVLIF  
DLGGGTFDVS ILTIDDGIFE VKATAGDTHL GGEDFDNRLV SHFVEEFKRK  
HKKDISQNKR AVRRLRTACE RAKRTLSSST QANLEIDSLY EGIDFYTSIT  
RARFEELCAD LFRGTLEPVE KALRDAKMDK AKIHDIIVLVG GSTRIPKVQR  
LLQDYFNDRD LNKSINPDEA VAYGAAVQAA ILMGDKSEKV QDLLLLDVAP  
LSLGLETAGG VMTALIKRNS TIPTKQTQIF TTYSDNQPGV LIQVYEGERA  
MTKDNMLLGR FDLTGIPPAP RGV PQIEVTF DIDANGILNV TATDKSTGKV  
NKITITNDKG RLSKEEIERM VLDAEKYKAE DEVQREKIAA KNALESYAFN  
MKSVVSDGL KKGISESDKN KILDKCNELL SWLEVNQLAE KDEFDHKRKE  
LEQMCNPIIT KLYQGGCTGP ACGTGYVPGR PATGPTIEEV D
```

USAGE

Reconstitute in PBS (pH7.4) 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

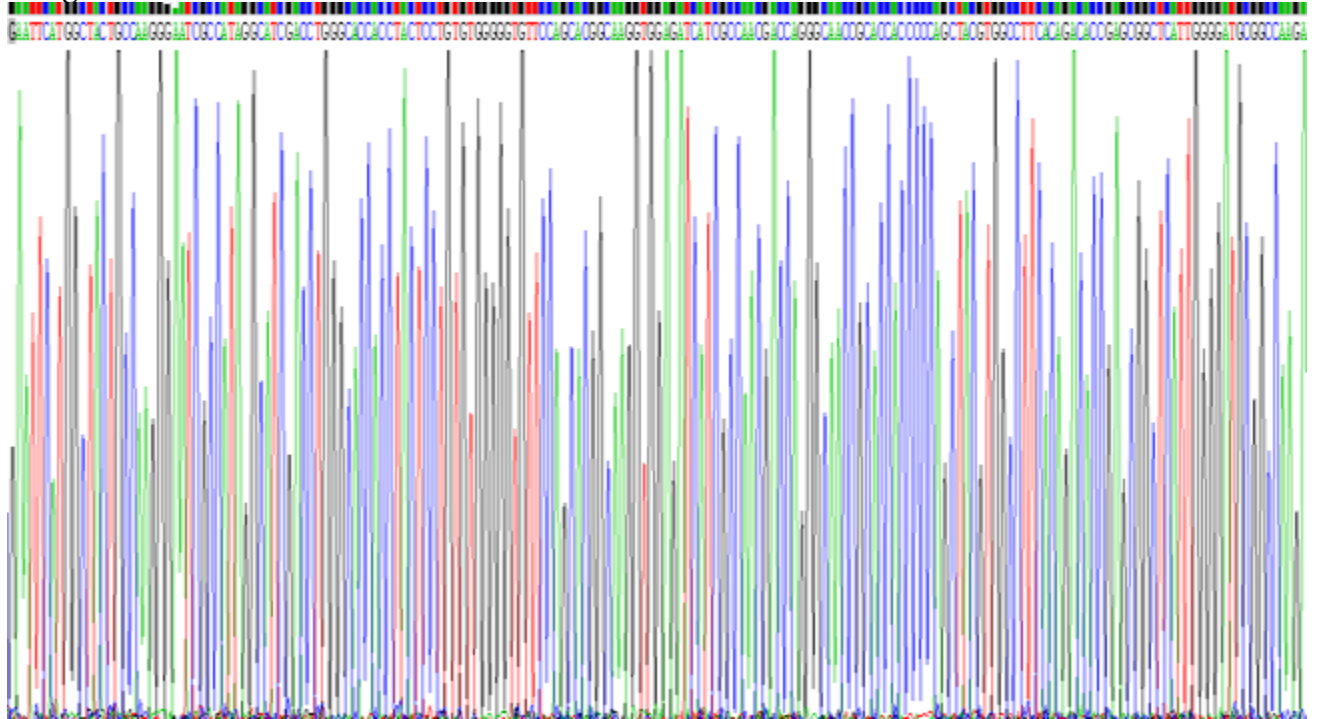


Figure. SDS-PAGE

[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.