

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

SIPB041Hu02

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	77.1kDa
Accurate Molecular Mass	77kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Asp641 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	5.7
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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 AVRRRLRTACE RAKRTLSSST QANLEIDSLY EGIDFYTSIT
RARFEELCAD LFRGTLPEVE KALRDAKMDK AKIHDIVLVG GSTRIPKVQR
LLQDYFNGRD LNKSINPDEA VAYGAAVQAA ILMGDKSEKV QDLLLLDVAP
LSLGLETAGG VMTALIKRNS TIPTKQTQIF TTYSNQPGV LIQVYEGERA
MTKDNLLGR FDLTGIPPAP RGVPQIEVTF DIDANGILNV TATDKSTGKV
NKITITNDKG RLSKEEIERM VLDAEKYKAE DEVQREKIAA KNALESYAFN
MKSVSDEGL KGKISESDKN KILDKCNELL SWLEVNQLAE KDEFDHKRKE
LEQMCNPIIT KLYQGGCTGP ACGTGYVPGR PATGPTIEEV D
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USAGE

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

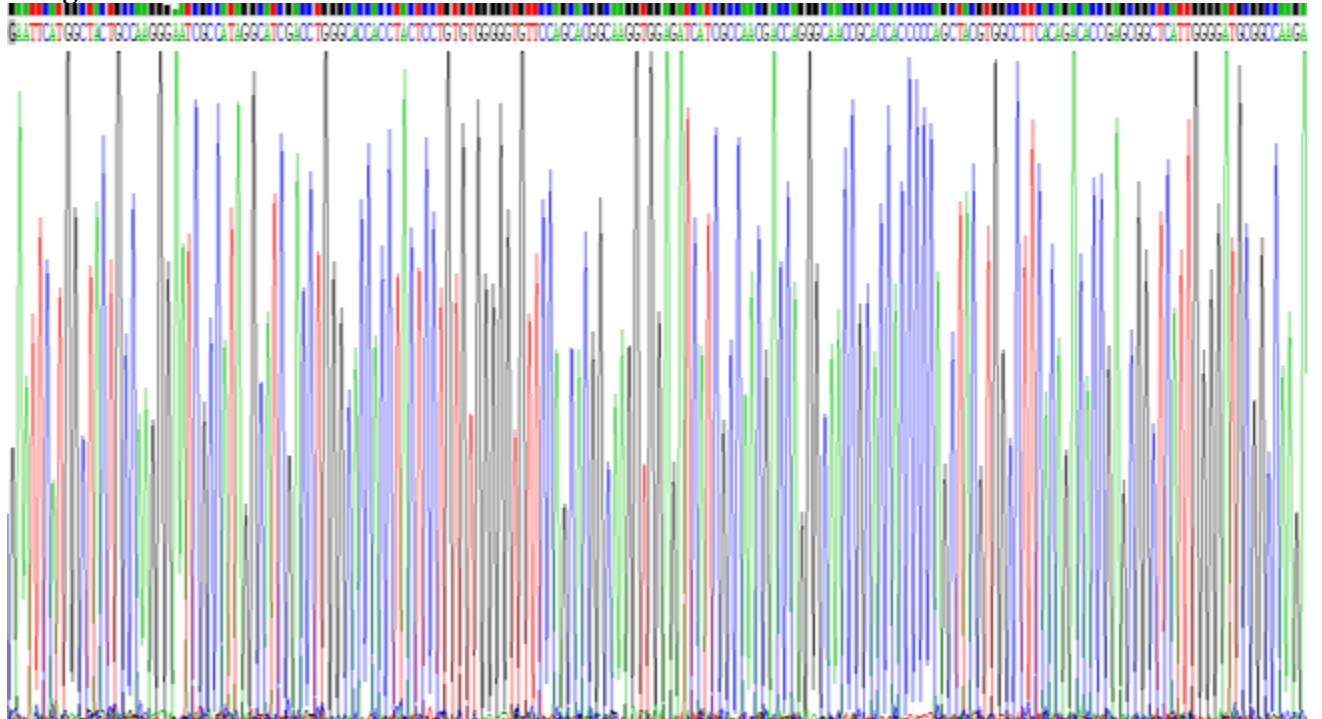
STORAGE

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



[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.