

Recombinant Heat Shock 70kDa Protein 6 (HSPA6) Instruction Manual

SIPD040Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	n/a
Predicted Molecular Mass	46.2kDa
Accurate Molecular Mass	46kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Cys387 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	> 95%
Isoelectric Point	7.6
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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MQAPRELAVG IDLGTTYSCV GVFQQGRVEI LANDQGNRTT PSYVAFTDTE  
RLVGDAAKSQ AALNPHNTVF DAKRLIGRKF ADTTVQSDMK HWPFRVVSEG  
GKPKVRVCYR GEDKTFYPEE ISSMVLSKMK ETAEAYLGQP VKHAVITVPA  
YFNDSQRQAT KDAGAIAGLN VLRIINEPTA AAIAYGLDRR GAGERNVLIF  
DLGGGTFDVS VLSIDAGVFE VKATAGDTHL GGEDFDNRLV NHFMEEFRRK  
HGKDLSGNKR ALRRLRTACE RAKRTLSSST QATLEIDSLF EGVDFYTSIT  
RARFEELCSD LFRSTLEPVE KALRDAKLDK AQIHDVVLVG GSTRIPKVQK  
LLQDFFNKGE LNKSINPDEA VAYGAAVQAA VLMGDKC
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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.

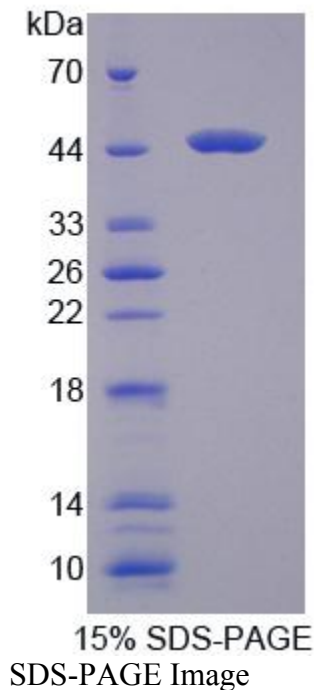
STORAGE

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.