

Recombinant Heat Shock Protein 75kDa, Mitochondrial (HSP75) Instruction Manual

SIPD138Hu01

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	77.3kDa
Accurate Molecular Mass	84kDa(Analysis of differences refer to the manual)
Residues & Tags	Ser60~His704 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	6.5
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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S  TQTAEDKEEP  LHSIISSTES  VQGSTSKHEF  QAETKKLLDI
VARSLYSEKE  VFIRELISNA  SDALEKLRHK  LVSDGQALPE  MEIHLQTNAE
KGTITIQDTG  IGMTQEELVS  NLGTIARSGS  KAFLDALQNQ  AEASSKIIGQ
FGVGFYSAFM  VADRVVYSR  SAAPGSLGYQ  WLSDGSGVFE  IAEASGVRTG
TKIIIIHLKSD  CKEFSSEARV  RDVVTKYSNF  VSFPLYLNGR  RMNTLQAIWM
MDPKDVRWQ  HEEFYRYVAQ  AHDKPRYTLH  YKTDAPLNIR  SIFYVPDMKP
SMFDVSRELG  SSVALYSRKV  LIQTKATDIL  PKWLRFIRGV  VDSEDIPLNL
SRELLQESAL  IRKLRDVLQ  RLIKFFIDQS  KKDAEKYAKF  FEDYGLFMRE
GIVTATEQEV  KEDIAKLLRY  ESSALPSGQL  TSLSEYASRM  RAGTRNIYYL
CAPNRHLAEH  SPYYEAMKKK  DTEVLFCEQ  FDELTLHLR  EFDKKKLISV
ETDIVVDHYK  EEKFEDRSPA  AECLSEKETE  ELMAWMRNVL  GSRVTNVKVT
LRDLTHPAMV  TVLEMGAARH  FLRMQQLAKT  QEERAQLLQP  TLEINPRHAL
IKKLNQLRAS  EPGLAQLLVD  QIYENAMIAA  GLVDDPRAMV  GRLNELLVKA
LERH
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USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

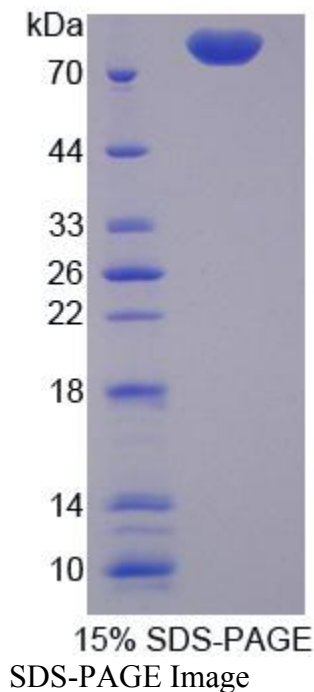
STORAGE

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



[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.