Recombinant Heat Shock Protein 90kDa Alpha A1 (HSP90aA1) Instruction Manual

SIPD136Mi01

Source Prokaryotic expression

Host E.coli

Endotoxin Level <1.0EU per 1µg (determined by the LAL method)

Subcellular LocationSecretedPredicted Molecular Mass62.8kDa

Accurate Molecular Mass 72kDa(Analysis of differences refer to the manual)

Residues & Tags

Met1~Gly496 linked with Ile698~Asp732 with N-terminal

His Tag

Buffer Formulation 100mMNaHCO3, 500mMNaCl, pH8.3, containing 0.01%

SKL, 5% Trehalose.

Traits Freeze-dried powder

Purity > 95% Isoelectric Point 4.8

Applications Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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MPEETQTQDQ PMEEEEVETF AFQAEIAQLM SLIINTFYSN KEIFLRELIS
NSSDALDKIR YESLTDPSKL DSGKELHINL IPNKQDRTLT IVDTGIGMTK
ADLINNLGTI AKSGTKAFME ALQAGADISM IGQFGVGFYS AYLVAEKVTV
ITKHNDDEQY AWESSAGGSF TVRTDTGEPM GRGTKVILHL KEDQTEYLEE
RRIKEIVKKH SQFIGYPITL FVEKERDKEV SDDEAEEKED KEEEKEKEEK
ESEDKPEIED VGSDEEEEKK DGDKKKKKKI KEKYIDQEEL NKTKPIWTRN
PDDITNEEYG EFYKSLTNDW EDHLAVKHFS VEGQLEFRAL LFVPRRAPFD
LFENRKKKNN IKLYVRRVFI MDNCEELIPE YLNFIRGVVD SEDLPLNISR
EMLQQSKILK VIRKNLVKKC LELFTELAED KENYKKFYEQ FSKNIKLGIH
EDSQNRKKLS ELLRYYTSAS GDEMVSLKDY CTRMKENQKH IYYITGIDED
DPTADDTSAA VTEEMPPLEG DDDTSRMEEV D
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USAGE

Reconstitute in ddH₂O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

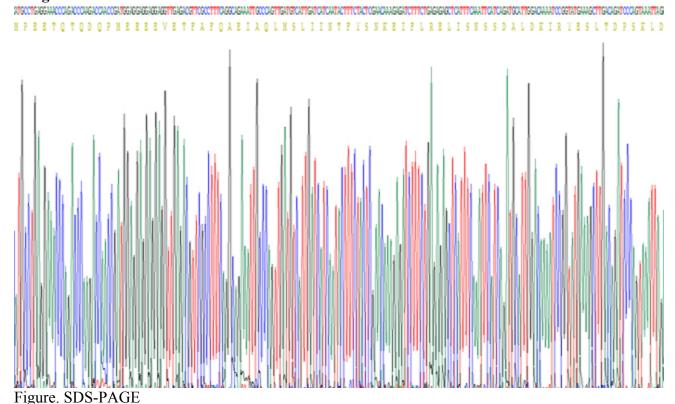
STORAGE

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.