

RPD523Hu01 50µg

Recombinant Heat Shock Protein 90kDa Alpha A1 (HSP90aA1)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Met1~Gly496 linked with Ile698~Asp732

Tags: N-terminal His Tag

Subcellular Location: Cytoplasm

Purity: > 80%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 5% Trehalose.

Original Concentration: 800µg/mL

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

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 4.8

Predicted Molecular Mass: 62.9kDa

Accurate Molecular Mass: 65kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

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

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: 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.

[SEQUENCE]

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MPEETQTQDQ PMEEEEVETF AFQAEIAQLM SLIINTFYNS KEIFLRELIS
NSSDALDKIR YESLTDPSKL DSGKELHINL IPNKQDRTL IVDTGIGMTK
ADLINNLGTI AKSGTKAFME ALQAGADISM IGQFGVGFYS AYLVAEKVTV
ITKHNDDEQY AWESSAGGSF TVRTDTGEPM GRGTVILHL KEDQTEYLEE
RRIKEIVKKH SQFIGYPITL FVEKERDKEV SDDEAEEKED KEEKEKEEK
ESEDKPEIED VGSDEEEEEK DGDKKKKKKI KEKYIDQEEL NKTPIWTRN
PDDITNEEYG EFYKSLTNDW EDHLAVKHFS VEGQLEFRAL LFVPRRAPFD
LFENRKKKN IKLYVRRVFI MDNCEELIPE YLNFIRGVVD SEDLPLNISR
EMLQQSKILK VIRKNLVKCC LELFTELAED KENYKKFYEQ FSKNIKLGIH
EDSQNRKKLS ELLRYYTSAS GDEMVS LKDY CTRMKENQKH IYYITGIDED
DPTADDTSA VTEEMPPEG DDDTSRMEEV D
    
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[IDENTIFICATION]

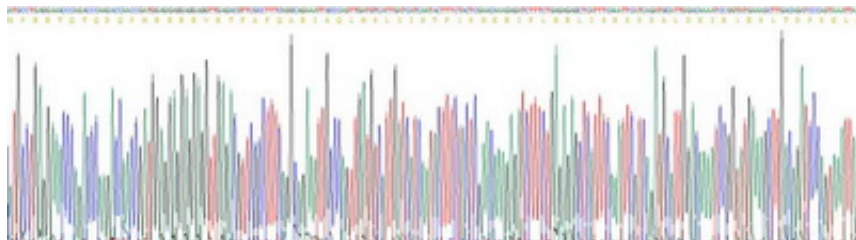


Figure . Gene Sequencing (extract)

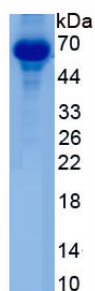


Figure. SDS-PAGE

[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.