



Recombinant Heat Shock Protein 90kDa Alpha A1 (HSP90aA1)

Catalog No.: TP09072 100µg

Sequence Information

Species: Human

Gene ID:3320

Swiss Prot:P07900

Synonyms:HSP86; HSP90A

Residues:Met1~Gly496+Ile698~Asp732

MPEETQTQDQPMEEEEVETFAFQAEIAQLMSLIINTFYSNKEIFLRELISNSSDALDKIRYESLTDPSK
LD SGKELHINLIPNKQDRTLITIVDTGIGMTKADLINNLGTIAKSGTKAFMEALQAGADISMIGQFGVGF
YSAYLVAEKVTVITKHNDDEQYAWESSAGGSFTVRTDTGEPMGRGTKVILHLKEDQTEYLEERRIKEIV
KKHSQFIGYPITLFEKERDKEVSDDEAEEDKEDKEEKEKEEKESEDKPEIEDVGSDEEEKKDGDKKK
KKKIKEYIDQEELNKTPIWTRNPDDITNEEYGEFYKSLTNDWEDHLAVKHFSVEGQLEFRALLFVPR
RAPFDLFENRKKKNNIKLYVRRVFIMDNCEELIPEYLNFI RGVVDS EDLPLNISREMLQQSKILKVIRK
NLVKKCLELFTELAEDKENYKKFYEQFSKNIKLGIHEDSQNRKKLSELLRYYSASGDEMVS LKDYCTR
MKENQKHIYYITGIDEDDPTADDTSAAVTEEMPPLLEGDDDTSRMEEVD

Product Information

Source: Prokaryotic expression.

Host: *E. coli*

Tags: N-terminal His-Tag

Subcellular Location: Secreted.

Purity: >90%

Traits: Freeze-dried powder

Buffer formulation: PBS (PH7.4)) , containing 5% Trehalose.

Original Concentration: 200µg/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: 5.3

Predicted Molecular Mass: 72kDa

Accurate Molecular Mass: 72kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in PBS (pH7.4) to a concentration of 0.1-0.5 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.

[IDENTIFICATION]

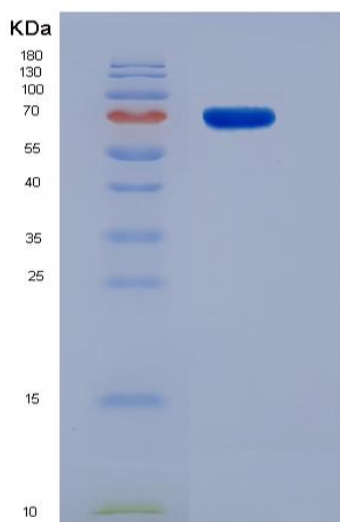


Figure 1. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.