

Recombinant HSP90aA1 Protein, His-tagged

Cat. No. HSP90aA1-2695 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant HSP90aA1 Protein (Met1-Gly496+Ile698-Asp732) with N-His tag was expressed in E. coli.
Source	E.coli
ProteinLength	Met1-Gly496+Ile698-Asp732
Description	Molecular chaperone that promotes the maturation, structural maintenance and proper regulation of specific target proteins involved for instance in cell cycle control and signal transduction. Undergoes a functional cycle that is linked to its ATPase activity. This cycle probably induces conformational changes in the client proteins, thereby causing their activation. Interacts dynamically with various co-chaperones that modulate its substrate recognition, ATPase cycle and chaperone function.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 62.81 kDa Accurate Molecular Mass: 82 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Official Symbol

[HSP90aA1](#)

Synonyms

HSP86; HSP90A; HSP90N; HSPC1; HSPCA; HSPCAL1; HSPCAL4; HSPN; Hsp89; Hsp90; LAP2; Lipopolysaccharide-associated protein 2; Renal carcinoma antigen NY-REN-38

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