

Recombinant Human HSP90AA1 protein(Glu535-Asp732)

Cat. No. HSP90AA1-3097H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HSP90 isoform 2 (NP_005339.3) C-terminal segment, corresponding to amino acid sequence (Glu 535-Asp 732) was expressed and purified in E. coli, with two additional aa (Gly & Pro) at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	Glu535-Asp732
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human HSP90 (aa 535-732) consisting of 200 amino acids and has a calculated molecular mass of 22.6 kDa. It migrates as an 24 kDa band in SDS-PAGE under reducing conditions.
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name	HSP90AA1 heat shock protein 90kDa alpha (cytosolic), class A member 1 [Homo sapiens]
Official Symbol	HSP90AA1
Synonyms	HSP90AA1; heat shock protein 90kDa alpha (cytosolic), class A member 1; heat shock 90kD protein 1, alpha , heat shock 90kDa protein 1, alpha , HSPC1, HSPCA; heat shock protein HSP 90-alpha; FLJ31884; Hsp89; Hsp90; HSP90N; HSP 86; heat shock 86 kDa; heat shock 90kD protein 1, alpha; heat shock 90kDa protein 1, alpha; renal carcinoma antigen NY-REN-38; heat shock 90kD protein, alpha-like 4; heat shock 90kD protein 1, alpha-like 4; HSPN; LAP2; HSP86; HSPC1; HSPCA; HSP89A; HSP90A; HSPCAL1; HSPCAL4;
Gene ID	3320
mRNA Refseq	NM_001017963
Protein Refseq	NP_001017963
MIM	140571
UniProt ID	P07900

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