

Recombinant Human HSP90AA1 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. HSP90AA1-049H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HSP90AA1 MS Standard C13 and N15-labeled recombinant protein (NP_005339) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is an inducible molecular chaperone that functions as a homodimer. The encoded protein aids in the proper folding of specific target proteins by use of an ATPase activity that is modulated by co-chaperones. Two transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	84.5 kDa
AA Sequence	MPEETQTQDQPMEEEEVETFAFQAEIAQLMSLIINTFYSNKEIFLRELISNSSDALDKI RYESLTDPSKLD SGKELHINLIPNKQDRTLIVDTGIGMTKADLINNLGTIAKSGTKAF MEALQAGADISMIGQFGVGFYSAYLVAEKVTVITKHNDDEQYAWESSAGGSFTVRT DTGEPMGRGTKVILHLKEDQTEYLEERRIKEIVKKHSQFIGYPITLFVEKERDKEVSD DEAEKEDKEEEEKEEEEKESDKPEIEDVGSDEEEKKDGDKKKKKKIKEYIDQEE LNKTKPIWTRNPDDITNEEYGEFYKSLTNDWEDHLAVKHFSVEGQLEFRALLFVPRR APFDLFENRKKKNNIKLYVRRVFIMDNCEELIPEYLNFI RGVVDS EDLPLNISREMLQQ SKILKVIRKNLVKKCLELFTELAEDKENYKKFYEQFSKNIKLGIHEDSQNRKKLSELLR YYTSASGDEMVS LKDYCTRMKENQKHIYYITGETKDQVANS AFVERLRKHGLEVIYM

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IEPIDEYCVQQLKEFEGKTLVSVTKEGLELPEDEEEKKKQEEKKTKFENLCKIMKDILE
 KKVEKVVVSNRLVTSPCCIVTSTYGWTANMERIMKAQALRDNSTMGYMAAKKHLEI
 NPDHSIIETLRQKAEADKNDKSVKDLVILLYETALLSSGFSLEDPQTHANRIYRMIKLG
 LGIDEDDPTADDTSAAVTEEMPPLLEGDDDTSRMEEVDTRTRPLEQKLISEEDLAAND
 ILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [HSP90AA1](#) heat shock protein 90 alpha family class A member 1 [Homo sapiens (human)]

Official Symbol [HSP90AA1](#)

Synonyms HSP90AA1; heat shock protein 90 alpha family class A member 1; EL52; HEL-S-65p; HSP86; Hsp89; HSP89A; Hsp90; HSP90A; HSP90N; Hsp103; HSPC1; HSPCA; HSPCAL1; HSPCAL4; HSPN; LAP-2; LAP2; heat shock protein HSP 90-alpha; HSP 86; LPS-associated protein 2; epididymis luminal secretory protein 52; epididymis secretory sperm binding protein Li 65p; heat shock 86 kDa; heat shock 90kD protein 1, alpha; heat shock 90kD protein 1, alpha-like 4; heat shock 90kD protein, alpha-like 4; heat shock 90kDa protein 1, alpha; heat shock protein 90kDa alpha (cytosolic),

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class A member 1; heat shock protein 90kDa alpha family class A member 1;
lipopolysaccharide-associated protein 2; renal carcinoma antigen NY-REN-38;

Gene ID 3320

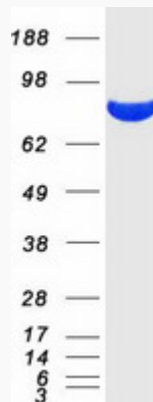
mRNA Refseq NM_005348

Protein Refseq NP_005339

MIM 140571

UniProt ID P07900

SDS-PAGE



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