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 RYESLTDPSKLDSGKELHINLIPNKQDRTLTIVDTGIGMTKADLINNLGTIAKSGTKAF MEALQAGADISMIGQFGVGFYSAYLVAEKVTVITKHNDDEQYAWESSAGGSFTVRT DTGEPMGRGTKVILHLKEDQTEYLEERRIKEIVKKHSQFIGYPITLFVEKERDKEVSD DEAEEKEDKEEEKEKEEKESEDKPEIEDVGSDEEEEKKDGDKKKKKKIKEKYIDQEE LNKTKPIWTRNPDDITNEEYGEFYKSLTNDWEDHLAVKHFSVEGQLEFRALLFVPRR APFDLFENRKKKNNIKLYVRRVFIMDNCEELIPEYLNFIRGVVDSEDLPLNISREMLQQ SKILKVIRKNLVKKCLELFTELAEDKENYKKFYEQFSKNIKLGIHEDSQNRKKLSELLR YYTSASGDEMVSLKDYCTRMKENQKHIYYITGETKDQVANSAFVERLRKHGLEVIYM

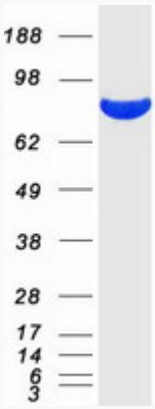
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Email: info@creative-biomart.com Fax: 1-631-938-8127
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	IEPIDEYCVQQLKEFEGKTLVSVTKEGLELPEDEEEKKKQEEKKTKFENLCKIMKDILE KKVEKVVVSNRLVTSPCCIVTSTYGWTANMERIMKAQALRDNSTMGYMAAKKHLEI NPDHSIIETLRQKAEADKNDKSVKDLVILLYETALLSSGFSLEDPQTHANRIYRMIKLG LGIDEDDPTADDTSAAVTEEMPPLEGDDDTSRMEEVDTRTRPLEQKLISEEDLAAND 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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