

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

Cat. No. HSP90AA1-3853H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HSP90AA1 MS Standard C13 and N15-labeled recombinant protein (NP_001017963) 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	98 kDa
AA Sequence	MPPCSGGDGSTPPGPSLRDRDCPAQSAEYPRDRLDPRPGSPSEASSPPFLRRAPV NWYQEKAQVFLWHLLVSGSTTLCLWKQPFHVSAFPVTASLAFRQSQGAGQHLYK DLQPFILLRLLMPEETQTQDQPMEEEEVETFAFQAEIAQLMSLIINTFYSNKEIFLRELI SNSSDALDKIRYESLTDPSKLD SGKELHINLIPNKQDRTLTIVDTGIGMTKADLINNLGT IAKSGTKAFMEALQAGADISMIGQFGVGFYSAYLVAEKVTVITKHNDDEQYAWESSA GGSFTVRTDTGPEMGRGTKVILHLKEDQTEYLEERRIKEIVKKHSQFIGYPITLFVEKE RDKEVSDDEAEKEDKEEEKEKEEKESEDKPEIEDVGSDEEEEEKDGDGKKKKKKIKE KYIDQEELNKTPIWTRNPDDITNEEYGEFYKSLTNDWEDHLAVKHFSVEGQLEFRA LLFVPRRAPFDLFENRKKKNNIKLYVRRVFIMDNCEELIPEYLNFIIRGVVDSIDLPLNI

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SREMLQQSKILKVIRKNLVKKCLELFTELAEDKENYKKFYEQFSKNIKLGIHEDSQNR
 KKLSELLRYYTSASGDEMVSCLKDYCTRMKENQKHIYYITGETKDQVANSASFVERLRK
 HGLEVIYMIEPIDEYCVQQLKEFEGKTLVSVTKEGLELPEDEEEKKKQEEKKTKFENL
 CKIMKDILEKKVEKVVVSNRLVTSPCCIVTSTYGWTANMERIMKAQALRDNSTMGYM
 AAKKHLEINPDHSIIETLRQAEADKNDKSVKDLVILLYETALLSSGFSLEDPQTHANRI
 YRMIKLGIDEDDPTADD TSAVTEEMPPLGDDDTSRMEEVDTRTRPLEQKLISE
 EDLAANDILDYKDDDDKV

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 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

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shock 90kD protein 1, alpha-like 4; HSPN; LAP2; HSP86; HSPC1; HSPCA; HSP89A; HSP90A; HSPCAL1; HSPCAL4;

Gene ID [3320](#)

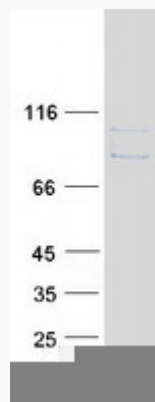
mRNA Refseq [NM_001017963](#)

Protein Refseq [NP_001017963](#)

MIM [140571](#)

UniProt ID [P07900](#)

SDS-PAGE



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