

# 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

MPPCSGGDGSTPPGSLRDRDCPAQSAEYPRDRLDPRPGSPSEASSPPFLRRAPV  
 NWYQEKAQVFLWHLLVSGSTLLCLWKQPFHVSAFPVTASLAFRQSQGAGQHLYK  
 DLQPFILLRLLMPEETQTQDQPMEEEEVETFAFQAEIAQLMSLIINTFYSNKEIFLRELI  
 SNSSDALDKIRYESLTDPSKLD SGKELHINLIPNKQDRTLTIVDTGIGMTKADLINNLGT  
 IAKSGTKAFMEALQAGADISMIGQFGVGFYSAYLVAEKVTVITKHNDDEQYAWESSA  
 GGSFTVRTDTGPEMGRGKTVILHLKEDQTEYLEERRIKEIVKSHSQFIGYPITLFVEKE  
 RDKEVSDDEAEKEDKEEKEKEEKESEDKPEIEDVGSDEEEEEKDGDGKKKKKKIKE  
 KYIDQEELNKTPIWTRNPDDITNEEYGEFYKSLTNDWEDHLAVKHFSVEGQLEFRA  
 LLFVPRRAPFDL FENRKKKNNIKLYVRRVFIMDNCEELIPEYLN FIRGVV DSEDLPLNI

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SREMLQQSKILKVIRKNLVKKCLELFTELAEDKENYKKFYEQFSKNIKLGIHEDSQNR  
 KKLSELLRYYTSASGDEMVSLLKDYCTRMKENQKHIYYITGETKDQVANSASFVERLRK  
 HGLEVIYMIPIDEYCVQQLKEFEGKTLVSVTKEGLELPEDEEEKKKQEEKKTKFENL  
 CKIMKDILEKKVEKVVVSNRLVTSPCCIVTSTYGWTANMERIMKAQALRDNSTMGYM  
 AAKKHLEINPDHSIIETLRQKAEADKNDKSVKDLVILLYETALLSSGFSLEDPQTHANRI  
 YRMIKLGIDEDDPTADDTSAAVTEEMPPLLEGDDDTSRMEEVDTRTRPLEQKLISE  
 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

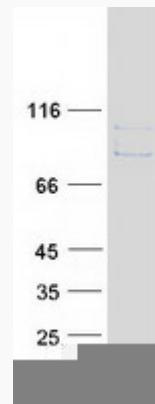
**mRNA Refseq** NM\_001017963

**Protein Refseq** NP\_001017963

**MIM** 140571

**UniProt ID** P07900

**SDS-PAGE**



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