

## Product datasheet for **AR03017PU-N**

### HSP90AA1 / HSP90 alpha Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	HSP90AA1 / HSP90 alpha human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Concentration:	lot specific
Purity:	>90% pure as determined by SDS-PAGE analysis (Purified by Multy-step Chromatography).
Buffer:	Presentation State: Purified State: Liquid protein Buffer System: 50 mM Tris pH 7.5, 5 mM Bme, 0.3M NaCl, 10% Glycerol
Preparation:	Liquid protein
Applications:	Western Blot Control, SDS-PAGE , ATPase Activity Assay, Surface Plasmon Resonance (SPR). Specificity: ~90 kDa
Protein Description:	Recombinant Hsp90 alpha cloned from a Human cDNA library
Note:	Centrifuge vial before opening.
Storage:	Store at 2-8°C for one week or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001017963</a>
Locus ID:	3320
UniProt ID:	<a href="#">P07900</a> , <a href="#">Q86SX1</a>
Cytogenetics:	14q32.31
Synonyms:	EL52; HEL-S-65p; HSP86; Hsp89; HSP89A; Hsp90; HSP90A; HSP90N; Hsp103; HSPC1; HSPCA; HSPCAL1; HSPCAL4; HSPN; LAP-2; LAP2
Summary:	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. [provided by RefSeq, Jan 2012]



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Protein Families: Druggable Genome

Protein Pathways: Antigen processing and presentation, NOD-like receptor signaling pathway, Pathways in cancer, Progesterone-mediated oocyte maturation, Prostate cancer

### Product images:

