

Product datasheet for **RN215336**

Hsp90aa1 (NM_175761) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hsp90aa1 (NM_175761) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hsp90aa1
Synonyms:	Hsp86; Hsp90; Hspca
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN215336 representing NM_175761
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCTGAGGAAACCCAGACCCAAGACCAACCAATGGAGGAAGAGGAGGTGAAACCTTTGCCTTTTCAGG
 CAGAAATTGCCCAGTTAATGTCCTTGATCATCAACACTTTCTACTCGAACAAAGAGATCTTTCTGAGGGA
 GCTCATTTCCTCACTCCTCAGACGCTCTGGATAAGATCAGATACGAGAGCTTGACCACCCTAGTAACTG
 GACTCGGGGAAGGAGCTGCACATTAATCTCATTCCCAACAAGCAAGACCGAACCCCTCACTATTGTGGATA
 CTGGCATTGGAATGACCAAGGCTGACTTGATCAATAACCTTGGCACTATTGCCAAGTCAGGCACCAAAGC
 CTTTCATGGAGGCTTTGCAGGCTGGTGCAGATATCTCTATGATTGGCCAGTTTGGTGTGGTTTTACTCT
 GCGTATTTGGTTGCTGAGAAAGTACTGTCATCACCAGCATAATGATGACGAGCAGTACGCTGGGAGT
 CCTCAGCTGGAGGATCCTTCACTGTGAGGACAGACACAGGTGAACCAATGGTCTGGAACAAAGGTTAT
 CTTGCATCTAAAAGAAGACCAAACTGAGTATTTGGAGGAAAGGAGAATAAAAGAAATTGTGAAGAAACAT
 TCTCAGTTTATTGGCTACCCATTACTCTTTTGGGAGAAGGAACGTGACAAGGAAGTCAGTGATGATG
 AGGCTGAAGAAAAGGAAGAGAAAAGGAAGAGAAAAGAAAAGAAAAGGAAGTCTGATGACAAGCCTGA
 AATAGAAGATGTTGGTTCTGATGAAGAAGAAGAAGAGAAGAAGGATGGTGACAAGAAGAAAAGAAAGAAG
 ATAAAGGAAAAGTACATTGATCAAGAAGAACTCAACAAAACAAAGCCGATCTGGACCAGAAATCCTGATG
 ACATTACGAATGAAGAATACGGAGAGTTCTACAAGAGCTTAACCAACGACTGGGAAGAACATTTGGCAGT
 AAAGCATTTTTCTGTTGAAGGACAATTAGAATTCGGGCTCTCTTTTTGTCCTCAAGACGCGCTCCTTTT
 GATCTATTTGAAAACAGAAAAGAAAAGAAAACAACATCAAGTTGTATGTTTCGAGAGTTTTATCATGGATA
 ACTGTGAGGAGTTAATCCCCGAGTATCTGAATTTTCATCAGAGGGTGGTGGATTCTGAGGATCTCCCTCT
 AAATATTTCCCGTGAATGCTGCAACAAAGCAAAATTCTGAAAGTTATCAGGAAGAATTTGGTCAAGAAA
 TGCTTAGAACTATTTACTGAACTGGCTGAAGATAAAGAGAACTACAAAAAGTTTTATGAGCAGTTCTCAA
 AAAATATAAAGCTTGGAATTCATGAAGACTCTCAAAATCGGAAGAAGCTTTAGAGCTGTTGAGATACTA
 CACATCTGCTTCTGGGATGAGATGGTTTCTCTGAAGGACTACTGCACCAGAATGAAGGAAAACCAGAAG
 CACATCTATTTATCACAGGTGAGACCAAGGACCAGTTGCTAACTCAGCCTTTGTGGAACGTCTCCGAA
 AGCATGGCTTAGAAGTAATCTATATGATTGAGCCATTGATGAGTATTGTGTGCAACAGCTGAAGGAATT
 TGAGGGCAAGACCTTGGTGTGAGTTACCAAGAAGGACTGGAACCTCCAGAAGATGAAGAGGAAAAGAAG
 AAACAGGAAGAGAAAAGACAAAATTTGAGAACCTCTGCAAAATTATGAAGGATATTTAGAGAAAAGG
 TTGAAAAGGTGGTTGTGTCAAACCGATTGGTGACATCCCATGCTGTATTGTGACAAAGCAGATATGGCTG
 GACAGCAAAACATGGAGAGAATCATGAAAGCTCAAGCCCTCAGAGACAACCTCAACAATGGGTTACATGGCA
 GCAAAAGAAACACCTGGAGATAAACCCCTGATCACTCCATTATTGAAACCTTAAGGCAAAAGGCAGAGGCTG
 ACAAGAATGACAAGTCTGTGAAAGATCTGGTCACTTGTGTACGAAACAGCACTCCTGTCTCCGGCTT
 CAGTCTGGAAAGATCCCCAGACCCATGCTAACAGGATCTACAGGATGATCAAGCTTGGTCTAGGTATTGAT
 GAGGATGATCCTACTGTGGATGATACCAGTGTGCTGTAAGTGAAGAAATGCCACCCCTGGAAGGAGATG
 ATGACACATCACGCATGGAAGAAGTAGACTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_175761
Insert Size: 2202 bp
OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_175761.2</u> , <u>NP_786937.1</u>
RefSeq Size:	2795 bp
RefSeq ORF:	2202 bp
Locus ID:	299331
UniProt ID:	<u>P82995</u>
Cytogenetics:	6q32
Gene Summary:	a molecular chaperone; involved in sequestering damaged proteins and in ATP-dependent folding of proteins [RGD, Feb 2006]