

Product datasheet for **SC333172**

HSP90AB1 (NM_001271971) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HSP90AB1 (NM_001271971) Human Untagged Clone
Tag:	Tag Free
Symbol:	HSP90AB1
Synonyms:	D6S182; HSP84; HSP90B; HSPC2; HSPCB
Vector:	pCMV6-Entry (PS100001)



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Fully Sequenced ORF: >SC333172 representing NM_001271971.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGCCTGAGGAAGTGCACCATGGAGAGGAGGAGGTGGAGACTTTTGCCTTTCAGGCAGAAATTGCCCAA
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GATGCGTCTCGCATGGAAGAAGTCGATTAG
  
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Restriction Sites: Sgfl-Mlul

ACCN: NM_001271971

Insert Size: 2031 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:	NM_001271971.1
RefSeq Size:	2559 bp
RefSeq ORF:	2031 bp
Locus ID:	3326
UniProt ID:	P08238
Cytogenetics:	6p21.1
Protein Families:	Druggable Genome, Stem cell - Pluripotency
Protein Pathways:	Antigen processing and presentation, NOD-like receptor signaling pathway, Pathways in cancer, Progesterone-mediated oocyte maturation, Prostate cancer
MW:	78.3 kDa
Gene Summary:	<p>This gene encodes a member of the heat shock protein 90 family; these proteins are involved in signal transduction, protein folding and degradation and morphological evolution. This gene encodes the constitutive form of the cytosolic 90 kDa heat-shock protein and is thought to play a role in gastric apoptosis and inflammation. Alternative splicing results in multiple transcript variants. Pseudogenes have been identified on multiple chromosomes. [provided by RefSeq, Dec 2012]</p> <p>Transcript Variant: This variant (4) uses an alternate splice site in the 5' UTR and two alternate in-frame splice sites in the coding region, compared to variant 1. The encoded isoform (b) is shorter compared to isoform a.</p>