

Product datasheet for **MC226795**

Ahsa2 (NM_001290655) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ahsa2 (NM_001290655) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ahsa2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226795 representing NM_001290655
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGCCAAGTGGGGCCAGGGGACCCGCGTGGATCGTGGAGGAGCGGGAGGACGGACCAACGTGAACA
ACTGGCACTGGACAGAGCGGGATGCCACATTTGGTCCAAGGGGAAGCTCCGAGAGCTCCTGGTTGGCAT
TGCTATGGAGAAATGAGGCTGGCCGATGTGAGATCAGTGAGTTGAAACAGGTGGAAGGTGAGGCTTCATGT
AACAGCCGCAAAGGGAAGCTTATTTCTTCTATGAGTGGAAACATCAAGCTGGCCTGGAAAGGTACAGTTA
AAGAATCTGGTGCAAAACACAAGGGACTTATTGAAATACCCAGCCTTTCTGAAGAAAACGAAATCAATGA
CACTGAGGTGAACGTGAGTAAAAAGAAAGGAGATGGGAAATACTGAAGGATCTCATGAGAACGACAGGC
ACCGCCAAGGTCAGGGAGGCCCTTGAGAGTACCTGAAGGCACTCAAGACGGAATTTACAACAGGAATGA
TCTTACCAACAAAAGCTGTAGCAACCCAGGAAGTACTCTTCCAGAGAACTGAATGAAAACAAGCTGCA
GGCTTCTCCAGTGGCACTGGGTGTGAGGATTCCCACAGTAGCTTTGCACTTGACAGAGCTGTTTGACACG
ACAGTAGAACAGCTGTACAGTATCTTCACTGTAAGAATTTGGTCAAAAATTTCCAAAATCTCCTGCTG
TATTAGAAGCTGAAAGGGGAGGGAAATTCAGATGTTTGACGGGAACATCAGTGGAGAATATGTGGAAGT
GGTAACAAATAGGAAAATCATCATGAAATGGAGATGTAGGAAGTGGCCAGAAGCTCTGGTTTTTCCCC
AGAACACTATGCAACAGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001290655
Insert Size: 861 bp



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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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001290655.1</u> , <u>NP_001277584.1</u>
RefSeq Size:	3716 bp
RefSeq ORF:	861 bp
Locus ID:	268390
UniProt ID:	<u>Q8N9S3</u>
Cytogenetics:	11 A3.2
Gene Summary:	Co-chaperone that stimulates HSP90 ATPase activity.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) uses an alternate splice site in the 3' coding region, which leads to a frameshift, compared to variant 1. The encoded isoform (3) has a shorter and distinct C-terminus, compared to isoform 1.