

Product datasheet for **MC227067**

Aip (NM_001276284) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Aip (NM_001276284) Mouse Untagged Clone
Tag: Tag Free
Symbol: Aip
Synonyms: A; AA408703; Ara9; AW476050; D19Bwg1412e; Fkbp1; Fkbp16; Xa; Xap2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227067 representing NM_001276284
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGGATCTCATCGCAAGACTTCGAGAGGACGGGATCCAAAAGCGTGTGATACAGGAGGGCCGAGGAG
AGTTGCCGGACTTCAGGATGGCACTAAGGCCAGTTCCACTTTCGGACGCTGCACAGTACAATGAAGG
CTCCGTTATAGATGACAGCCGAACACGAGGCAAGCCCATGGAGTCATCGTTGGCAAGAAGTTCAAGTTG
CCTGTGTGGGAGACCATCGTGTGCACCATGCGTGAGGGGGAGATTGCCAGTTCCCTGTGACATCAAGC
ACGTAGTCCTGTATCCTCTAGTGGCCAAGAGCCTCCGCAACATCGCCGAGGGCAAGGACCCCTGGAGGG
ACAGCGGCATTGCTGTGGGATCGCTCAGATGCATGAACACAGCTCCCTGGGTGATGCGGACCTGGATGCC
CTGCAGCAGAACCACAGCCTCTCATCTCCACATCGAGATGCTGAAGGTAGAGAGTCTGGCACCTATC
AACAGGACCCATGGGCGATGACAGATGAGGAGAAAGCAAAGGCAGTACCAGTCATCCACCAAGAGGGCAA
CCGGTTGTACCGTGAGGGCCAGGTGAAAGAGGCTGCTGCCAAGTACTATGACGCCATCGCCTGCCTCAAG
AATCTGCAGATGAAGGAGCAGCCTGGCTCACCTGACTGGATCCAGTTGGACCTGCAGATCACACCCTGC
TACTCAACTATTGCCAGTGCAAGCTGGTGGCTCAGGAGTATTATGAAGTGTGGATCACTGCTCCTCCAT
CCTCAACAAGTATGATGACAATGTCAAGGCTTACTTCAAGAGGGGTAAAGGCCATGCTGCCGTGTGGAAT
GCCCAGGAGGCCAGGCTGACTTTGCCAAGGTGTTGGAGCTAGACCCTGCCCTGGCGCCTGTGGTAAGCA
GAGAGCTCGGGCCCTGGAGACCGGATCCGGCAGAAGGATGAGGAGGACAAAGCTCGCTTCCGGGGCAT
CTTTCCCACTGA

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001276284



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Insert Size:	993 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).
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_001276284.1</u> , <u>NP_001263213.1</u>
RefSeq Size:	1969 bp
RefSeq ORF:	993 bp
Locus ID:	11632
UniProt ID:	<u>O08915</u>
Cytogenetics:	19 3.82 cM
Gene Summary:	<p>This gene encodes an Hsp90-associated protein that is localized to the cytoplasm. The encoded protein interacts with the aryl hydrocarbon receptor (AhR) and the tyrosine kinase receptor RET, inhibits AhR ubiquitination, and regulates the intracellular localization of AhR. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2013]</p> <p>Transcript Variant: This variant (2) lacks a portion of the 5' UTR, compared to variant 1. Both variants 1 and 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript from the same strain was available for the full length of the gene. The extent of this transcript is supported by transcript alignments and orthologous data.</p>