

## Product datasheet for RN209977

### Aip (NM\_172327) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Aip (NM\_172327) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Aip  
 Synonyms: XAP2  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN209977 representing NM\_172327  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGGCGGATCTCATCGCAAGACTTCGAGAGGACGGGATCCAAAAGCGTGTGATACAGGAGGGCCGAGGAG  
 AGTTGCCGGAATTCAGGATGGCACTAAGGCCACCTTCCACTTCCGGACGCTGCATAGTGACCCGGAGGG  
 CTCGGTCATAGATGACAGCCGAGCAGCGGCAAGCCCATGGAGCTCATCATCGGCAAGAAGTTCAAGCTG  
 CCTGTGTGGGAGACCATCGTGCGTACCATGCGTGAGGGGGAGACGGCCAGTTCCCTGTGCGATGTCAAGC  
 ACACAGTCCTGTATCCTCTGGTGGCCAAGAGCCTCCGCAACATCGCTGAGGGCAAGGACCCCTTGGAGGG  
 CCAGCGGCATTGCTGTGGAATTGCTCAAATGCATGAGCATAGCTCCCTGGGTGATGCGGACCTGGACGCC  
 CTGCGAGCAGAACCCTCAACCCCTCATCTTCCACATCGAGATGCTGAAGGTGGAGAGCCCTGGCACCTACC  
 AGCAGGACCCATGGGCAATGACAGATGAGGAGAAAGCAAAGGCAGTACCACTCATCCACCAAGAGGGCAA  
 CCGCTTATACCGTGAGGGGCAGGTGAAGGAGGCTGCTGCCAAGTACTACGATGCCATTGCCTGCCTCAAG  
 AACCTGCAGATGAAGGAGCAGCCTGGATCACCCGACTGGATCCAGTTGGACTTGCAGATCACACCCTGC  
 TACTCAACTATTGCCAGTGAAGCTGGTGGCTCAGGAGTACTATGAGGTGCTGGATCACTGCTCCTCCAT  
 CCTCAACAAGTATGATGACAATGTCAAGGCTTACTTCAAGCGGGTAAGGCCATGCTGCTGTGTGGAAT  
 GCCCAGGAGGCCAGGCTGACTTTGCCAAGGTGTTGGAGCTCGACCCCTGCCCTGGCGCCTGTGGTAAGCA  
 GAGAGCTCGGGCCCTGGAGGCAGGATCCGGCAGAAGGATGAGGAGGACAAAGCCCGCTTCCGGGGCAT  
 CTTTTCCACTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAAGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_172327



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<b>Insert Size:</b>	993 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_172327.2</a> , <a href="#">NP_758830.2</a>
<b>RefSeq Size:</b>	1851 bp
<b>RefSeq ORF:</b>	993 bp
<b>Locus ID:</b>	282827
<b>UniProt ID:</b>	<a href="#">Q5FWY5</a>
<b>Cytogenetics:</b>	1q43
<b>Gene Summary:</b>	May play a positive role in AHR-mediated (aromatic hydrocarbon receptor) signaling, possibly by influencing its receptivity for ligand and/or its nuclear targeting.[UniProtKB/Swiss-Prot Function]