

## Product datasheet for RN200348

### Acpp (NM\_001134901) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Acpp (NM\_001134901) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Acpp  
**Synonyms:** 5'-NT; Acpp11; FRAP; pap; Ppal; RNACPP11  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN200348 representing NM\_001134901  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAGAGCTGTCCCTCTGCACCTCGTCGGGACAGCAAGCCTCACCTTGGCTTCTTGCTCCTGCTATCTC  
 TCCGCTGGACCCAGGCCAAGCCAAGGAGTTGAAGTTTGTGACATTGGTGTCCGGCATGGAGACCGAGG  
 TCCCATCGAGACCTTTCTAATGACCCCATTAAGGAATCCTCGTGGCCACAAGGATTTGGCCAACCTACC  
 AAGTGGGGCATGGGACAGCACTACGAACCTCGGAAGTTATATAAGGAGAAGATACGGGAGATTCTTGAACA  
 ACTCCTATAAACATGACCAGTTTATATCCGAAGCACAGATGTTGACAGGACTCTGATGAGCGCTATGAC  
 AAACCTCGCAGCCCTGTTTCCCCCTGAGGGGATCAGCATCTGGAATCCCAGACTGCTCTGGCAGCCCATC  
 CCAGTGCACACCGTGTCTCTCTGAGGATCGGTTGCTATACCTGCCTTTCAGGGACTGTCTCGCTTTC  
 AAGAACTCAAGAGTGAGACTTTGAAATCTGAGGAGTTCCTGAAGAGGCTTCAACCATATAAAAGCTTCAT  
 AGACACCTTGCCATCGCTGTCCGGATTCGAGGACCAGGATCTTTTTGAAATCTGGAGTAGGCTTACGAC  
 CCTTTATATTGCGAGAGTGTTCACAATTCACCTTGCCACCTGGGCCACAGAGGACGCCATGACTAAGT  
 TGAAGGAGTTGCAGAATTATCTCTGTTATCTCTTTATGGAATTCACAAGCAGAAAGAGAAATCTAGACT  
 CCAGGGGGCGTCTGGTCAATGAAATTCGAAGAACATGAAGCTTGCAACTCAACCACAGAAGGCCAGG  
 AAGTTGATCATGTATTCTGCACATGACACTACTGTGAGTGGCCTGCAGATGGCGCTAGACGTTTATAATG  
 GACTTCTACCTCCCTACGCTTCTGCCACATAATGGAATTGTACCAGGATAATGGGGGCACTTCGTGGA  
 GATGTACTACCGAATGAGACCCAGAACGAGCCCTACCCACTCACGCTGCCGGGCTGTACCCACAGCTGC  
 CCTCTGGAGAAGTTTGCAGAGCTACTGGACCCCGTATCCCCAGGACTGGGCCACAGAGTGTATGGGCA  
 CAAGCAACCACCAAGTGTGAGGGTCATCTTGCCACTACGTTTTGCCTGGTAACCGGGATCCTGGTGAT  
 ATTGCTGCTTGTCTCATCCGCCACGGACCCTGCTGGCAGAGAGACGTGTATCGGAACATC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001134901
<b>Insert Size:</b>	1254 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>	<u><a href="#">NM_001134901.1</a></u> , <u><a href="#">NP_001128373.1</a></u>
<b>RefSeq Size:</b>	1254 bp
<b>RefSeq ORF:</b>	1254 bp
<b>Locus ID:</b>	56780
<b>UniProt ID:</b>	<u><a href="#">P20646</a></u>
<b>Cytogenetics:</b>	8q32
<b>Gene Summary:</b>	<p>A non-specific tyrosine phosphatase that dephosphorylates a diverse number of substrates under acidic conditions (pH 4-6) including alkyl, aryl, and acyl orthophosphate monoesters and phosphorylated proteins. Has lipid phosphatase activity and inactivates lysophosphatidic acid in seminal plasma (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (TM-PAP, also called variant 1) encodes the longer isoform. This isoform is a transmembrane protein.</p>