

## Product datasheet for **RN201133**

### **Pik3ap1 (NM\_001106368) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pik3ap1 (NM_001106368) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pik3ap1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN201133 representing NM\_001106368  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCAGCCTCAGGGTGGGGCTGGGGATGCGACATCCTCATCTTCTACAGCCAGATGCCGAGGAATGGT  
 GCCAGTACCTACAGGATCTTTTCGTGTCCTGCCGGCAGGTCCGTAGCCAGAAGATTACAGACATATCGGCT  
 GGTCCCGGATGCCTGCTTTCTCCAGGACCTGTCGGTCTTCAGGGATGCACGATGCGTCTGGTCTA  
 CTGTCTGCGGGGCTGGTGAATGCTTCGTCCAGCCAGGACTGCTGCCGTGCTCCAGCGTGCCTGCCACC  
 CGCCACAGCGGTGGTGCCTGCTGTGCGGAGTGCAGCCCAACGATGAGGACTTCCAGGCCCTTTCTTCC  
 CGACTGGGCCACTGGCAGGAACGACCTGTGATGACGAACCGGAGACCTATCTGGCGCGGTGAGGAAG  
 GCCATTTCTGAAGATTCTGGCTGTGATTAGTAACCGACACGGAGCCCGAGGACGAGAGAGCTTCTCCTT  
 TCTCAAAGCATACAGACCTGCCTCTGGAGACATCGCTGGGAACCTGATGGTGGTACAGCCGGACCGCAT  
 TCGTTGTGGGGCAGAAACCACTGTGTATGTCATTGTGAGATGCAAGCTGGACGAGAAGGTGTCAACAGAA  
 GTCGAGTTTTCTCCTGAGGATTCTCCCTCCGTCCGGATGGAAGGCACACTGGAAAATGAGTACACAGTCT  
 CGGTGAAAGCACCAGACCTCTCGTCGGGAATGTTTCTCTGAAGGTCTATTCTGGGGACCTGGTGGTCTG  
 TGAACCACCATCAGCTATTACACCGACATGGAGGAAATTGGAACTTACTCTCCAGTGTGCAAAATCCC  
 GTGGAGTTTATGTGTCAGGCCTTTAAAACTGTCGCCTACAACACAGAGACTCTCGATAAACTGCTCACGG  
 AGTCCCTGAAGAACAACATCCCTGCAAGTGGACTGCACCTCTTTGGGATCAACCAACTGGAAGAAGACGA  
 TATGATGACAAATCAGAGGGATGAGGAGCTGCCACCCCTGCTGCATTTTGGTCCCAAGTACGGACTGAAG  
 AACCTCACCGCTTGTCTCACCTGCCAGGGGCTCTCCAGGCATACAGTGTGGCAACAAGCATGGCC  
 ACTACCCCAACACCATTGCTGAGAAACACGGCTTCAGGGACCTGCGCCAGTTCATCGACGAGTATGTGGA  
 GACCGTGGACATGCTGAAGAGTCACATTAAGAGGAGTTGATGCAGGGCGAGGAGGCTGACGATGTGTAT  
 GAGTCCATGGCCACCTGTCCACTGACTTGTGATGAAATGCTCCCTCAACCCCGGCTGTGACGACGAGC  
 TCTATGAGTCCATGGCTGCCTTCGCCCCAGCAGCCACAGAAGACCTCTATGTCGAAATGCTTCAAGCCAG  
 TGCAGGTAACCTGTCTCTGGAGAAAGTTTCTCTCGGCCACTAAGGACTCGATGATCCGCAAGTTTCTA  
 GAAGGTAACAGTATGAAGCTGGCAGTTTGGAGAGAGAGCAGCACCTCCCCACGGGAAGAAGTCTATC  
 ACACAGTGGAGGAAGATGAGACCTTCTCTGTGACCTGGCCAACAGGCCCTGTCCCCGTGCCAGGCC  
 AGAGACCAGCACTCTGGCCCTCACCCACTACCTGACAATGAGCCATACATTTCTAAAGAGCCGCTTGTG  
 AGGCCATGGAGGGACAGGCCCATCGAGCATCTACGACCCATTTGCCGGATGAAGACGCCGGGCCAGC  
 GGCAGCTCATCACCTGCAGGAGCAGGTGAAGCTGGGCATCGTCAACGTGGACGAGGCTGTGCTGCACTT  
 CAAAGAGTGGCAGCTCAATCAGAAGAAGCGGTCCGAGTCTTTTCGCTTCCAGCAGGAAAACCTTAAAGA  
 CTGAGAGACAGCATCACCCGAAGACAGAGAGAGAAGCAGAAGTCAAGGAAAGCATGACAGACCTGGAGATCA  
 CAGTTCCAATCCGACATTCGAGCACCTGCCAGGGAAAGTGGAGTTCGGTGTGTATGAGAGCGGGCCAG  
 GAAGAGCGTCTTCCAGCCAGGACAGAGCTGAGACGCGGAGACTGGAAAACAGACAGCACATCCAGCACA  
 GCAAGCAGCAGAGTAACCGATCGAGTACACGGAGCCTTCTCAGCGTGAAGTGGAGGGGCGACA  
 ATGAGGACAATGAAGTCCCTGAAATTACCCGGAGTCGTGGCCAGGTCTACCCAGTGGATGGAGCTCC  
 AGTTGTAACCCGGAACCCGTCGGATCCTTGAGAGACCTCTAGGGTGCCTCTCGAGCTGCTTCACAG  
 AGGCCTTAACCCGGGAGCCCTTCCATCATCTCTCCGCCAGTTCACCCAGAGGTCGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001106368  
**Insert Size:** 2373 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_001106368.1</a></u> , <u><a href="#">NP_001099838.1</a></u>
<b>RefSeq Size:</b>	2629 bp
<b>RefSeq ORF:</b>	2373 bp
<b>Locus ID:</b>	294048
<b>Cytogenetics:</b>	1q54