

## Product datasheet for **RN216638**

### **Pnpla3 (NM\_001282324) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pnpla3 (NM_001282324) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pnpla3
Synonyms:	Adpn
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN216638 representing NM\_001282324  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTACGACCCAGAGCGCCGCTGGAGCCTGTCGTTGCGAGGCTGCGGCTTCTAGGCTTCTACCACATCG  
 GGGCTACGCTATGCTGAGCGAGCGCGCTCCGCACATCCTCCGCGAAGCGCGCACTTTCTCGGCTGCTC  
 GGCCGGTGCACACTGCACGCGGTACCTTCGTGTGAGTCTCCCTCTCGATCACATCATGGAGATCCTCATG  
 GACCTCGTGCAGAAAGCCAGGAGCCGCAACATCGGCACCTCCACCCGTTCTTCAACATTAACAAGTGCG  
 TCAGAGACGGCCTCAGGAGACCCTCCAGACAACGTCCACCAGATCATTTCTGGCAAGGTTTACATCTC  
 ACTCACCAGAGTGTCCGATGGGAGAACGTGCTGGTGTCTGAGTCCATTCCAAAGACGAAGTGGTGGAT  
 GCCCTGGTGTCTCTGCTTCATTCCTCTCTTCTGCGCCTAATCCCTCCTTCTCCGAGGTGAGCGGT  
 ACGTGGATGGAGGAGTGAAGTGAACGTCCCTGTGCTGGACGCCAAAACCACCATCACGGTGTCCCCTT  
 CTATGGTGAAGTGAAGTGAAGTCCACCAACTTCTCCAGGTGAATATCACCAACCTC  
 AGTCTTCGCTCTGCACTGGGAACCTTCATCTTCTGACCAGAGCACTTCTCCATCTGATGTGAAGGTGA  
 TGGGAGAGCTGTGCTTCAAGGGTACCTGGACGCTTCCGGTTCCTGGAAGAGAAGCGCATCTGTAATGG  
 GCCACAGCGCAGCCTGAGTCTGTCTTGGAGAAGGAAATGGCGCCAGAAACCATGATACCCTGCTTGGAA  
 AATGGCCACCTTGTAGCAGGGAACAAGGTGCCAGTAAGCTGTGTATGCCTTACAGCTGTGCCGTCGGATG  
 AGAGCATCTGGGAGATGCTGTCCCCAAGCTCAGCACAGCTCTGACTGAAGCGATTAAGACAGGGGGGG  
 CTACCTGAACAAAGTCTGCAACCTCTGCCATTAGGATCCTGTCTACATCTTGTCTGCCCTGCACTCTG  
 CCCGTGGAGTCCGCCATCGTGCAGTCCACAGGCTGGTGTGCTGGCTCCCTGATATCCATGAAGATATCC  
 AGTGGCTACAGTGGGCAACATCCAGGTGTGCCCCGAATGACCATGTGCCTGCTCCCCTTACCAGATC  
 CAGAGCATCCAAGGATAACCATCAAACACTCAAGCATGGATATCACCCATCTCTCCACAAACCCCAAGGC  
 AGCTCTGCCGTTT**GTA**A

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_001282324
- Insert Size:** 1278 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:**

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:** [NM\\_001282324.1](#), [NP\\_001269253.1](#)

**RefSeq Size:** 2759 bp

**RefSeq ORF:** 1278 bp

**Locus ID:** 362972

**Cytogenetics:** 7q34