

Product datasheet for **MC219592**

Pnpla1 (NM_001034885) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pnpla1 (NM_001034885) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pnpla1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC219592 representing NM_001034885
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACGAACAGGTGTTCAAAGGAGACCCAGATACCCCTCATTCCATCTCCTTCTCCGGGAGCGGGTTCC
 TTTCCTACTACCAGGCTGGGGCCGTGGATGCTCTGCGAGATCTGGCCCCGAGGATGCTGGACACAGCCCA
 TCGCTTTTCAGGGACGTAGCGGGAGCGGTGATTGCGGCCTTGGTCGTCTGCGGGATTGAGATGGAGAAA
 TACCTCAGAGTGTGAATATGGGCCTGGCGGAGGTGAAGAAGTTCTTCTGGGACCTCTGTCTCCGTCT
 GCAAGATGGTACAGATGATGCGACAGTTTTGTACGATGTGCTACCGGAGGACTCCTACAAGTTCGCCAC
 CGGAAGTGCATGTGAGCCTACCCGAGTCACGGACGGAGAGAACGTCGTGGTTTCCGAGTACCGATCC
 AAGGAAGAGCTCATCGAGGCCCTGTATTGCAGCTGCTTTGTTCTGTTTACTGTGGCTTCATCCCCCAA
 CGTATCGGGGAGAGAGATACATCGACGGTGGCTTCACAAGCATGCAGCCCTGTTCTTCTGGACAGACTC
 CATCACCATCTCCACCTTCAGCAGCCAGCAGGACATCTGTCCGAGAGACTGCCCCACCATCTTCCATGAC
 TTCCGAATGTTCAACTTCTCCTTCCAGTTCTCCCTGGAGAATATACCCGCATGACACATGCGCTGTTTC
 CCCCCGACCTGGTGATTCTGCAGGAATATTACTATCGGGGATACAATGATGCTGTCTCATACCTGCGGAG
 ACTGAATGCAGCGTACCTTGACTCTCCCAGCAAGAGAGTGATTTTCCGAGGGTTGAAGTATACTGCCAG
 ATAGAGGTGCGCCCTTGCCATGAGCCCCACCTCCGAGTCTGCAGAACCTGCCAGCCCTGAGGAGAAGCC
 CAGCAGACTCCTCACAACCCATGCACAGGGGTCTCCAAAAAGGACAGAAAGGACAGCCATTCTCAGC
 CGCCCCCTCAGTGCAGACACCTGAATCTGGGTGCAAGGAGTCTGTGGAATCACCCGTGTCACACGGGTC
 TCTATATCCAAGCAACCATCTGTATCGCCATTATCCCCAGCCAGCCGGTCCAGTAATGAGGCCCACTG
 GCCCCAGGACAGTTGCCAATAAATGTTCAAACCTCAAACCCGAGCGAGGAGTGAAGGGTGCCCTGGA
 CTCTGCCACAGAACGAGGAATGAAGGATGCTCTGGCCTCTGCCACTGACGAGCAGAGCACAACTACCTTG
 CCACCTGTGTTGCTCCAGCTGCAGACTCACGAGGCTCAAAGACTGGATCCTCTGTGCCTATTGGGTGAC
 CCGAGTCCCCTAGACTGTGCTCAGATCTTCCCAGGGAGCCACAGCATCCAGGGCAACACTTGGAATTCC
 GCCCCAAGTCTTCAACACCACCTGCTGGGCCACCTGTGGAGGATCTAGGCCCAGAACGACCCACAGCT
 ACAGGGTCTCCCGCTTATCACAGCTGACAGGCTCGGCAGCACCGGGTACCGGGAAGAAAGCCCCCACA
 AGCCTCTGCTGGTGGAGGTCCTGGTGAGGATTCAAATACGGCAAAAACGATGTTCAAGAGGAAGCAGAA
 GACCAATGCCACCAGAGAGTGCTTCCACCGAAATGCTCAGTCCAAGAAGCCGGCTAGCAAACCTGAAGTCT
 GCACCTTGTCCACTTAATTTCTGTACTCCCCAAGAGAGTTTGGGTACCTATAAACCTCATCCCAGCC
 GGATCCAAGACTACAGCTACCCCGAGGGAGTGAGTGGCCAGAACTCC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001034885

Insert Size: 1800 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).

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_001034885.3, NP_001030057.1

RefSeq Size: 4483 bp

RefSeq ORF: 1800 bp

Locus ID: 433091

UniProt ID: Q3V1D5

Cytogenetics: 17 A3.3

Gene Summary: Lipid hydrolase.[UniProtKB/Swiss-Prot Function]