

Product datasheet for **RN200782**

Plin1 (NM_013094) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Plin1 (NM_013094) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Plin1
Synonyms:	PERIA; Plin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN200782 representing NM_013094
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCATGAACAAGGGCCCGACCTGCTGGATGGAGACCTCCCTGAACAGGAGAATGTGCTCCAGAGAG
 TCCTGCAGCTGCCTGTGGTGAGCGGGACCTGTGAGTGCTTCCAGAAGACCTATAACAGCACCAAAGAAGC
 CCACCCCTGGTGGCCTCTGTGTCAATGCCTATGAGAAGGGTGTACAGGGTGCCAGCAACCTGGCTGCC
 TGGAGCATGGAGCCGGTGGTCCGCCGGCTCTCCACCCAGTTCACAGCTGCTAATGAGTTGGCCTGCAGAG
 GCCTGGACCACCTGGAGGAAAAGATCCCGGCTCTTCAATACCCTCCGAAAAGATCGCCTCTGAAGTAA
 GGGCACCATCTACCCGCTCCGAAGCGCCAGGAACAGCATCAGCGTGCCATTGCAAGCACTTCTGAC
 AAGTTCTGGGGCCACTCTGGCCGGCTGTGAGCTTGCCTGGGGATGGCAAGGAGACAGCGGAATATG
 CTGCCAACCCGAGTTGGCCGACTGCCCTCTGGAGGGGCTGATCTGGCTTTGGGAAGCATCGAGAAGT
 GGTAGAATATCTCTGCCACCAGACAAGGTGGAGTCAGCCCTTCTTCCAGGACGGCAAAAGACGCAGAAG
 GCTCCCAAGGCCAAACCAAGCCTTTTGGAGGGGTGAGCACCTGGCCAACACTCTTCTCGACACACCA
 TGACAGACCACAGCACGGGCCCTGAAGCGGGTCACTCTCTGGCCATGTGGATCCCGGGTGTGGCACCCCT
 GAGCAGCTGGCCAGTGGGGTGCATCGGCAGCCATGCAGGTGGTGTCCCGCGGCAGAGTGAGGTACGG
 GTGCCCTGGTTGCACAACCTGGCAGCCTCCAAGGATGAGAACCATGAAGACCAGACAGACAGAGGGAG
 AGGAGACAGATGAGGAGGAAGAAGAAGAAGAGTCAGAGGCCGAGGAGAACGTGCTCAGAGAGGTAACAGC
 CCTGCCACCCCTCTCGGCTTCTGGGTGGTGTGGTACACCCGTGCAGAAGACTCTGCAGAACCACATC
 TCGCGGTGACATGGGCACCTGCCGCTGTGCTGGGCACGGTGGGAAGGATCTACACCTCACACCAGCCC
 AGGTGTCTCTCCACCAAGGGAGGGCCATGTCCTATCCGATGCCCTGAAGGGTGTACGGATAACCT
 GGTAGACTGTGGTACACTATGTCCTCGCTTCCAGGCTGTCCCTGATGGAGCCGAGAGCGAATTCCAA
 GACATCGATAATCCTCCAGCAGAGGTGGAGCGAAAGGGTGGGGTGGCGGCCCGCCAGCCAGAGTCCA
 CGGCGCGCCCGGCCAGCCCGCGCAGCTTGCAGAGTGGGGTCTCAGCGGCCCTCTTCCCCGATCT
 GGATGACAAAACCGAGACATCAGCGCGTCTGGCTCTGGCTATGCCAGAGAGAAGCCTGCGCGCAGG
 GTCAGCGACAGCTTCTCCGGCCAGCGTCATGGAGCCCATCTGGGCCGACGAGTACAGCCAGCTGC
 GCAAGAAGAGC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_013094

Insert Size: 1554 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.

RefSeq: [NM_013094.1](#), [NP_037226.1](#)

RefSeq Size: 2080 bp

RefSeq ORF: 1554 bp

Locus ID: 25629

Cytogenetics: 1q31

Gene Summary: may play a role in lipid metabolism [RGD, Feb 2006]