

Product datasheet for **RN207078**

Plin2 (NM_001007144) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Plin2 (NM_001007144) Rat Untagged Clone
Tag: Tag Free
Symbol: Plin2
Synonyms: Adfp; Adrp
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN207078 representing NM_001007144
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCATCAGTAGCAGTGGATCCACAACCGAGCGTGGTGACGAGGGTGGCCAACCTGCCCTTGGTGAGCT
 CCACCTACGACCTGGTGTCTCCGTTATGTCAGTACAAAGGATCAGCACCCGTATTTGAGGTCAGTGTG
 TGAGATGGCAGAGAAGGGAGTGAGGACCGTGACCTCAGTGGCTGTGACAGGCGCACTGCCATCATCCAG
 AAGCTGGAGCCACAGATTGCGGTGCGCAATACCTATGCCTGCAAGGGGCTAGACAGGATGGAGGCAAGGC
 TGCCATTCTGAACCAAGCAACATCTGAGATTGTTGCCAATGCCCGAGGTGCCGTAACCTGGGCAAGGA
 TGTAGTGACGACTACCATGGCTGGAGCCAAGGATTCTGTAGCCAGCACAGTCTCAGGGGTGGTGGATAAG
 ACCAAAGGAGCAGTTACTGGCAGCGTGGAAAGGACCAAGTCTGTGGTCAATGGCGGCATCGACACGGTTT
 TGGGGATGGTGCAGTCTATGAGCAGTGGAGTGGAAAATGCAATTAGCAAGTCGGAGCTGCTGGTAGACCA
 GTACTTGGCGCTCACTCAGAAGGAGCTCGAGATGGAAGCAAAAAGGTGGAAGGATTTGATATGGTTCAG
 AAGCAAAGATACTATGAACGGCTGGAGTCCCTGTCTACCAAGATCTGCACCCGGGCTATCATCAGGCTC
 TCGGCAGGATCAAAGACGCCAAACAAAAGGGCCAGGAGACCATTCCAGCTCCACTCCACTGTCCATCT
 GATTGAATTCGCCAGGAAGAATGTGCACAGTGCCTAACCAAGATTCAGGACAAGCTCTCTGTCTCATGG
 GTGGAGTGAAGAGAATCGTCCGCTACGACGACACGGACGAGTCCATTGTGCTGAGCACATCGAGTCAC
 ATACTCTGTCTATGGCCGCAACCTGACCCAGCAGCTCCACACTACATGCCAGACGCTCCTGTTCAACGT
 CCAAGGGTTACCACAGAACATTCAAGACCAGGCCAAACACTTGGGGGTGATGGCAGGTGACATCTACTCG
 GCGTCCGCAATGTTACCTCCTCAAGGAAGTGTCTGATGGCGTCCCTCACTTCTAGCAAGGGGCAGCTGC
 AGAAAAAAGAGGAGTCTTAGATGAAGTTATGGATTACCTTGTTAAACAACAGCCTCTCAACTGGCTGGT
 AGGTCCCTTTTATCCTCAGTCTACCGAGGTGGACAAGGCCAGCCTGAAGGTCCAGCAGTCTGAGCTCACA
 ACTCAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001007144
Insert Size:	1269 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:	<ol style="list-style-type: none">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:	<u>NM_001007144.1</u> , <u>NP_001007145.1</u>
RefSeq Size:	1860 bp
RefSeq ORF:	1269 bp
Locus ID:	298199
Cytogenetics:	5q32
Gene Summary:	intrinsic lipid storage droplet protein; involved in transfer of lipid between lipofibroblasts and alveolar type II epithelial cells [RGD, Feb 2006]