

Product datasheet for **RN200823**

Pm20d2 (NM_001107922) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pm20d2 (NM_001107922) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pm20d2
Synonyms:	Acy1l2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN200823 representing NM_001107922
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGGTCCGGTGGTGGAGCGGCCGCCGAGCGGTGCACGAGCAGCGCCACGGAGCTGGAGCTGCTGAAGC
 AGCGCGCGGCCGAGCGCATCGACGAGGCGCGGAGCGCCTGGGCGCGCTGAGCCGCGCCATCTGGAGCGC
 TCCCGAGCTGGCCTACGAAGAGCACCGCGCGACGGCGAGCTCACGCGCTTCTTCGAGCGCGAGCCGCCG
 GCCGCTCGTGGGCCGTGCAGCCGCACTTCGGGCTCCCCACCGCCTTCGAGCGGAGTGGGCGCGCCCG
 AGGCCGCGGGGGGCCGCGCGCTGCAGCTGGCTTCTGTGCGAGTACGACGCGCTGCCAGCCCTGGG
 CCACGCTGCGGCCACAACCTCATCGCGGAGGTCGGAGCGGCTGCGGCGCTCGGCCTCGGGGCTGCGCTG
 GAGAGCATCGTGCGCCGCCCGGTCAAGGTAATTGCTCTGGGAACCCCTGCAGAAGAAGAAGGTGGT
 GCAAAATTGATCTAATCAAAGCGGGTGTCTTTGAAAACCTTGATGTTGTTTTATGGCTCACCCGTCTCA
 AGAGAATGCCGCTACCTGCCGATGTGGCCGAGCATGACGTGACTGTGAAATACTACGAAAAGCATCT
 CACGCTGCTGCTTACCCTTGGGAGGGGGTGAACGCCTTGACGCCGCCGTTCTTGCTATAACAACCTCT
 CTGCGTTAAGACAACAGATGAAACCAACCTGGAGAGTTCATGGTATAATTAACCGCGGGGTCAAGCC
 CAACATCATCCCCTCTTACTCTGAATTACTCTATTACTTCCGTGCGCCCTCAATGAAAGAGCTCCACGTT
 CTGACCAAAAAGCGGAAGATTCCTTCAGAGCCGCGGCTTTGGCTACAGGCTGCACAGTAGAAATTA
 GCGAAGCCACGATTATTACAACGTTATTCAAACAAGACACTGTGCAGCGCGTATATGGAGAATGGGAA
 GAAGCTGGGAGTAGAGTTCATTTAGAAGATGCAGTGTGAACGCCCTTCAGGCTCCACTGATTTTGA
 AATGTCAGTTTTGTGGTCCCGGATTCATCCATACTTTTACATCGGGACTGATGCCTTGAACACACGG
 AAGAGTACACAGAAGCCGAGGATCACAGGCAGCTCAGTGGTACACTTTCGCGACAGCAAGGCGCTGGC
 GATGACTGCACTGGACGTCATCTTTAAGCCTCAGTTGCTGGAAGGAATCAGAAAGGAGTTAAATCGAAA
 CTTCAAGAAGAGCAGCTTTTAAATACACCAGCATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107922

Insert Size: 1296 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_001107922.2, NP_001101392.2

RefSeq Size:	5276 bp
RefSeq ORF:	1296 bp
Locus ID:	313130
Cytogenetics:	5q21