

Product datasheet for **RN211418**

Pm20d1 (NM_001109068) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pm20d1 (NM_001109068) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pm20d1
Synonyms:	RGD1564063
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211418 representing NM_001109068
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTGAGCTACTTGTATCTTGCCACCCGGGAGCTGTGCTCCTTCTTTTTTCGCTACCGTCTCAG
GATCCACGGGCCCTGGCAGCAGGAAAGTCGAGGATCGTCGCGGATCCCTTCCCAGTTCAGCGAGGAGGA
GCGCGTCGCTATGAAAGAGGCGCTGAAAGGTGCCATCCGATTCCACAGTGTCTTTCAGCCACGAGGAA
TCCAACACCACAGCCCTTGTGAGTTTGGAGAATATATCCGAAAAGCCTTCTACAGTGTTCACAGCA
ACCTTATCCAACACGAAGTCGTGGGAAGTATAGCCACCTGCTCACCGTCCGAGGCTCGGACCCAGTTT
GCAGCCCTACATGCTGATGGCTCACTTCGACGTGGTTCCTGCCTCTGAAGAAGGATGGGAGGTGCCCCG
TTCTCAGGCTGGAGAAAATGGCTTCATCCATGGCCGGGTGCGCTGGACAACAAAACCTGTGATGG
CAGTCTGCAGGCTTTGGAGCTCCTGTTGATCAGAAAATACAGCCCCAAAAGACCTTTCTTATTGCTTT
GGCCATGATGAGGAGGTCTGGGACAAAGGGGCTCAGCAGATCTCAGCACTTTACAGACGAGGGGT
GTCCAGCTAGCTTTTCTGTGGATGAAGGGAGCTTTATCTTGAAGACTTCATCCGAACCTCAAGAAGC
CGTTTGCCATGATTTAGTCACCGAGAAGGGTGCCTTGACCTCATGCTGCAAGTAAACATGACTCCAGG
CCTCTTTCAGCTCCCCAAAGGAGACAAGCATTGGAATCCTTTCTGCCGCTGTGAGCCGACTGGAGCAG
ACACCAATGCCAAACATGTTTGGAAACGGGCCATTGAAGAAGACATTGAAGCTACTGGCAAATGAGTTTT
CCTTCCCTACCAATATAATCTTGGGAACCTGTGGCTATTCGTCCTTGTGAAGCAGGGTAAATGGAGAG
GAATCCCATACGAATGCATTGGTCAGAACTACCACAGCCCTCACCATGTTCAATGCAGGAATCAAGGTG
AATGTCTCCCCCATTGGCTCAGGCGACAGTCAACTCCGAATTCACCTTCGCAGACAGTACAGGAGG
TCGTAGAACTCGTCCAGAACATTGTGGCTGATGACCGAGTCCAGTTGCATGTGTTGAGATCCTTTGAACC
ACTGCCCGTCCAGCCCTCTGATGACCAGGCCATGGGCTACCAGCTGCTTCAACAGACCATACAGTCTGTC
TTCCCGAAGTCAAGATCATTGTCCCGGTATTTGATTGGCAACACGGACACCCGACACTATGTCAACC
TGACCAATGGCTGTACCGGTTCAACCCGTTTTCTGAAGCCTCAGGACTTCAGTAGTGTCCATGGAAT
CAATGAGAAAATCTCCGTTGAGAGCTACCAGAACCAGGTGAAGTTCATCTTTGAGTTGATCCAAAATGCT
GACACCTACAGCAAGCCAGTTCTCTATCAGCATGAACTATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001109068

Insert Size: 1512 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_001109068.1](#), [NP_001102538.1](#)

RefSeq Size: 3790 bp

RefSeq ORF: 1512 bp

Locus ID: 498226

Cytogenetics: 13q13