

Product datasheet for **MC219852**

Pp2d1 (NM_173449) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pp2d1 (NM_173449) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pp2d1
Synonyms:	4921523A10Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219852 representing NM_173449
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAATTGGAACTGTATTCTTCTCCTTTAAGAGTGTGGAGATCAAAAGTGTGGGATGAGAAACTT
 CAACATTTACTTCTGATGAGAATCTCAAGATTGGCAAAATGGTTGGCAAAAGGAGAAGGCCCTAGACAAA
 GCGCTCCATCGACCTGGAGGATTCCACTGAGCAGCTGATTTCTGGTGACATGGTCACATCCCCTGCTCT
 GTCTGCTACCGAGAAGTGAACAAAGCTAGGAATTTTCTCCATAAGAAACATCACAATGCTCTGAGTATGC
 TGGGTTTCCAGTGGATGGGAGGGAGGCAACCAAGCCCAAAGTGGTCAGTCTTATAGAGAGTGTATAAT
 CTCTAACCTTTTGGAGATCTTCTACATACAATGAAAAAGTCTTCAATGTGAACACGCATTTGAGTTT
 CTTTGGAAAGAACAGTCCATCATACTCAAACCTTTGTGATAAGGTTGGCGAGACTTCTACGATTCTC
 CAAACAGCAACCATCTGATGATTAAGGTATAGCCATCTGTAGCAATAATAATTCAGCCTGGAAAGCGGA
 GCCGAAGTGTAAATTCACGGTCGTGAACGATTTTGGTGATAAGGCCAATGTGTGCTTTTTCGGTTTATT
 GATAGCCATTACGGTTATGCAGCAGCAGACCTGGCATCAAAGGAGTTTCAGGTTTTACTTCTCCATCAAT
 TGCTATACAGGATCCTTCTACCAATGACAGCTGAGCAGAAGCAACTCATCAATTCCTTTGACACGGT
 GTTCAGGGAGGAATACAGAGCCAGAGAAGAGGCCCTTCTTCCACATACAAAACCTTCAGAACTAGTAGA
 CGGGAGTATGAGGATACACACAAAGCCTTTGCAAAGGCATTTGGAGAATGGATAGGCTTCTACGGCTTG
 GAAGGAATGAGACTTCCCGGTTTCGCTGGAGCGGCTGCTCGGCACTCACTTGATATTAGAGGGTGGGAT
 TAAGAACCACATGCTAATAAAGACTGGGAAAAACCTATCAGCAGGGTCCACCAGTCTCCCTCCAG
 AAGACTCCACAGATCATATCTGGAGTACTACACCTGGCAAATGCTGAAACGTGCAAGCAGTCTTATGCA
 GAAATGGAAAAGGGTTTTGCCTGACCAAGGAACACAGTACACGAAACACCAAGAAAGAAAGAGAGTCTT
 TTACAGCGAAGCAGTGATCAGTTCAGATGACCCCTATGGCCTCCTGGATGGGCACATCAAACACCCGG
 GGTCTTGATTCCATGGAACCTCAGACTAAAAAGTCCATTATTCAGCACCAGCAACAATCTCTGTCC
 CTATAGATGATCTATGTCAGTTTCTCATCTTAGCCACTAATGGACTTTGGCAAGTTTGGACAAGAAGGA
 AGTCACTGCACTGGTAATCACCTTGTTTATGCATATAAAGAAACCCATGTTCTCTCGCCCTAAAAGCAA
 CCCTGGCCACCTATAGGCCTTCTTCCACCAGACAGTAACATCCGAGTGTGTTCCAGTACCAGCCTG
 AAAATGAAGACATTATGTCACTGCAGATGGGACGAAAGGGCTATCTGACTCAATATATGCTGAAGCTTA
 CACTCATCAGGTACATTTCTCCAAAAGTGACCCCTTATGACCCTGTAGCACAAAAGAAAATAGCAGC
 TTACCCACTATAGACAGTAAGCAGGAAAATGAGAAAGAACTATGTATTAAGAATTTCTCAAAGGTGCAG
 CTGAGTACATTGGCTGTGAACCTGTAAGTGCTGCAATAGAAGGGGTTCCAGAGACAGCATCACTGTTAT
 GGTAATGTTTCTCAATGGGAGCGAGTATCACAGGCTGACAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_173449
- Insert Size:** 1863 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_173449.3](#), [NP_775625.1](#)

RefSeq Size: 2476 bp

RefSeq ORF: 1863 bp

Locus ID: 110332

UniProt ID: [Q8BVT6](#)

Cytogenetics: 17 C