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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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAATTGGGAACTGTATTCTTCTCCTTTAAGAGTGTTTTGGAGATCAAAAGTGTGGGATGAGAAAACTT
CAACATTTACTTCTGATGAGAATCTCAAGATTGGCAAAATGGTTGGCAAAAGGAGAAGGCCTAGACCAAA
GCGCTCCATCGACCTGGAGGATTCCACTGAGCAGCTGATTTCTGGTGACATGGTCACATTCCCCTGCTCT
GTCTGCTACCGAGAACTGAACAAAGCTAGGAATTTTCTCCATAAGAAACATCACAATGCTCTGAGTATGC
TGGGTTTCCAGTGGATGGGAGGGAGGCAACCAAAGCCCAAACTGGTCAGTCTTCATAGAGAGTGTATAAT
CTCTAACCTTTTGAGATCTTCTACATACAATGAAAAAGTCCTTCACAATGTGAACTACGCATTTGAGTTT
CTTTGGAAGAAACAAGTTCCATCATACTTCAAACTTTGTGATAAGGTTGGCGAGACTTCTACGTATTCTC
CAAACAGCAACCATCTGATGATTAAAGGTATAGCCATCTGTAGCAATAATAATTCAGCCTGGAAAGCGGA
GCCGAACTGTAAATTCACGGTCGTGAACGATTTTGGTGATAAGGCCAATGTGTGCTTTTTCGGTTTATTT
GATAGCCATTACGGTTATGCAGCAGCAGACCTGGCATCAAAGGAGTTTCAGGTTTTACTTCTCCATCAAT
TGTCTATACAGGATCCTTCCTACCAAATGACAGCTGAGCAGAAGCAACTCATCAATTCCTTTGACACGGT
GTTCAGGGAGGAATACAGAGCCAGAGAAGAGGCCTTCTCTTCCACATACAAAACCTTCAGAACTAGTAGA
CGGGAGTATGAGGATACACACAAAGCCTTTGCAAAGGCATTTTGGAGAATGGATAGGCTTCTACGGCTTG
GAAGGAATGAGACTTCCCGGGTTCGCTGGAGCGGCTGCTCGGCACTCACTTGTATATTAGAGGGTGGGAT
TAAGAACCCACATGCTAATAAAGACTGGGAAAAAACCTATCAGCAGGGTTCCACCAGTCTTCCCTTCCAG
AAGACTCCACAGATCATATCTGGAGTACTACACCTGGCAAATGCTGGAAACGTGCAAGCAGTCTTATGCA
GAAATGGAAAAGGGTTTTGCCTGACCAAGGAACACAGTACACGAAACACCAAAGAAAGAAGAAGAGTCCT
TTACAGCGAAGCAGTGATCAGTTCAGATGACCCCTATGGCCTCCTGGATGGGCACATCAAAACCACCCGG
GGTCTTGGATTCCATGGAAACCTCAGACTAAAAAAGTCCATTATTCCAGCACCGCAAACAATCTCTGTCC
CTATAGATGATCTATGTCAGTTTCTCATCTTAGCCACTAATGGACTTTGGCAAGTTTTGGACAAGAAGGA
AGTCACTGCACTGGTAATCACCTTGTTTCATGCATATAAAGAAACCCATGTTCCTCGCCCTAAAAGCAAA
CCCTGGCCACCTATAGGCCTTCTTTCCCCACCAGACAGTAACATCCGAGTGCTGTTCCAGTACCAGCCTG
AAAATGAAGACATTATGTCAACTGCAGATGGGACGAAAGGGCTATCTGACTCAATATATGCTGAAGCTTA
CACTCATCAGGGTACATTTTCTCCAAAAGTGACCCCTTATGACCCTTGTAGCACAAAAGAAAATAGCAGC
TTACCCACTATAGACAGTAAGCAGGAAAATGAGAAAGAACTATGTATTAAGAATTTCTACAAAGGTGCAG
CTGAGTACATTGGCTGTGAACTTGTAAGTGCTGCAATAGAAGGGGGTTCCAGAGACAGCATCACTGTTAT
GGTAATGTTTCTCAATGGGAGCGAGTATCACAGGCTGACATAA

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).

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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

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