

## Product datasheet for **MC217669**

### **Pdp2 (NM\_001024606) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pdp2 (NM_001024606) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pdp2
Synonyms:	4833426J09Rik; Gm1705; mKIAA1348
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC217669 representing NM\_001024606  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTC AAGTACTGTGTCCTACTGGATCTTCAATTCTGCAAGGAATCGTATTGCTCTTTTACGAGGTGGGA  
 GACGCCTATACTCAAGGGCTGCCACGAGTAGGAACCTGCTGAAGTGGAGGCCCTTTCTCCGGCATTGGC  
 ATCATCAGCCCTCAAGTGTGGTTCTCCACCTGGTGGCTTTGCCCTGCGGAAAGCCTACAGACACACATCA  
 ACCGAGGAAGAGGATTTCCACCTACAGCTCAGCCCCGAACAGGTGAGTACCTGCTCCGAGCTGGCGAGT  
 CATCCCACAAGGTCCTTGATTTCAACAACGGAGTACCAAATTCAGTGTTAAGGTTGAGAGCAACCAGCT  
 GGCTGCCAATTCCTGTGGAGGACCGCAAGGTGGCTACCTGCGTCCAAACGAATGGGATGATGTTCC  
 GGTATTTTATGAGACACGGGGCCACGCGTGTGCGCAAGCGGTGAGTGAGAGGCTTTTCTACTACATGG  
 CGGTGTCCTGATGTCCATCAGACCTTGGAGCAGATGGAGGAAGCAACGGAAAACATGAAGCCTTTGCT  
 GCCCATCTGCGTTGGCTCAAGCACCCCGGAGATAGTATTTATAAGGACGTACGTCCGTGCATCTGGAC  
 CACCTCCGTGTCTATTGGCAGGAGCTCCTTGACCTGCATATGGAATGGGGCTGAGCATTGAAGAAGCAT  
 TGATGTACTCCTTCCAGAGACTGGATTCTGACATCTCGCTAGAAATCCAGGCTCCTCTGGAAGATGAGGT  
 AACGAGAACTTATCCCTCCAGGTTGCTTTCTCTGGGGCAACAGCCTGCATGGCCACGTCAATGGAGTT  
 CACCTGCATGTAGCAAATGCTGGTGACTGCCGGGCTATCCTCGGTGTCCAGGAAGAAAACGGTGCCTGGT  
 CATGTTTACCTTTACCTGTGACCACAACGCCTGGAATGAGGCTGAGCTGTCCCGGCTTAAGAGGGAAACA  
 CCCCAGTCCGAGGACAGGACTCATCATAGACGACAGGCTTCTGGGTGCTCATGCCCTGCAGGGCC  
 TTCCGGGATGCCAGCTAAAGTGGAGCAAAGAGCTGCAGCGGAATGTCTCGCAAGGGGCTTTGATACGG  
 AGGCCCTCAACATCTACCAGTTTACCCGCCCCACTACTACACTCCACCCTACCTGACTGCCAAAACCTGA  
 GGTACCTACCACAGGCTAAGGCGCCAGGATAAGTTCCCTGGTGCTGGCCTCAGATGGCCTGTGGGACATG  
 CTGGGGAAATGAGGACGTGGTGGGCTGGTGGTGGGGCACCTGTCCAAGGTGGGTGCGCATAAGCCGGACC  
 TGGACCAAAGACCAGCCAACCTAGGCCTCATGCAGAGCCTGCTGCTGCAGAGGAAAGCCAGTGGACTCCA  
 TGCGGCTGACCAGAACACAGCCACGCATCTGATCAGACACGCCATCGGGAGCAACGAGTACGGGGAGATG  
 GAGCCGGAGCGGCTGGCTGCCATGCTGACACTGCCAGAGGATGTGGCCAGGATGTACCGGATGATATCA  
 CTGTCATGGTGGTGTTTTTTAACTCTGATTCAATTGATACCTACTGTAAGAGGGTTAA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-RsrII

**ACCN:** NM\_001024606

**Insert Size:** 1599 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\\_001024606.1](#), [NP\\_001019777.1](#)

**RefSeq Size:** 3514 bp

**RefSeq ORF:** 1599 bp

**Locus ID:** 382051

**Cytogenetics:** 8 D3