

## Product datasheet for **MC219945**

### **Gdpd4 (NM\_177696) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gdpd4 (NM_177696) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gdpd4
Synonyms:	4921513004
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >MC219945 representing NM\_177696  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAAGAGACCCAAGATTCTGTCTAGTAGCAAGCCAAAAATACAGATGAGAATTCAGTCTGTGGATAG  
 AACAGTACTTCAACCACAAATGCTGCATCACCTTCTGACTGGCTGCTACAGTTGCCAATGGCAATACAG  
 AGAGTGGGAAAAAAGTGAAGTGGATCCTGTTGCTGCTCCCGAAAGAGCAATTTTTTATATGTGCCTG  
 GTAATAGCATTCTTGTCTGTGCTTTTTCTGTTGCTGCTGGGTAGAAACCTCCAATGAATAACAAGCGCT  
 TTGACTGGGTTGTTTATCTGGGGACAGGATGCTGGTCTTTTTGGTCCATTTTGGTCTGAGTGCAGCTGG  
 GATCATGGTTGCCTACACTACCTTGCTTTTGTGCTTGGGTTTCTGTTGCTCTGGGAAAGGATTGAACTA  
 AACTTGCACACTTCTCATAAGGTCTTCATTTGCCTAGTCACTGCTGCTCCTTCTTACTTGTGTTTT  
 TAAGCCATTTCTGGAAGGACAAGTGGCTGATAGCTGGACTGCTACTGCAGATCTTTGCTCCCTTCGTGCA  
 CCTGAGCCTTATAACTGTGATGATTATAATTTCTGGCCTCTATCCATCTGTGTGGCCCGCTTGGAAATCA  
 GAAGTTAAAGTAAGAAGATACAGGATGGCAGATTACGAGCAAGAAATACAGGAGAGGTGTAATGTATTCC  
 AAAGGTTAAGAGCTCTACAAATAGCTGCTGGACTGTCCTTCTCTGATCATTCTTTATGCCTTTATTTGAT  
 GCCACTGGGGATTTATTCTCCCTGTATTCTGAAGAAGGAGAATTTAGGGCCTAAGCCACCTCTTTGGA  
 CATAGAGGTGCACCCATGTTGGCGCCAGAGAATACCATGATGCCTTTGAGAAGGCTGTTGAATTAGATG  
 TTTCTGGCCTGGAGACAGATATACTTAAAGTTTTGATAGTGTGCTTTCCTCATGCATGACTATGACCT  
 GACTAGAACAATAACATCAAAGAGGTTCTACCATCAGCGGCTGGAAACCACTTCCAACCTCAACTGG  
 ACTTTCTGTCAACTCTGAATGCCGGCAAATGGTCTTAAAGCATAAGCCATTTTTGGCATGAAACCTC  
 TATCAGAGGCTGACAAAAGAAGAGCAGGCAACCAGTCAATCCACAGCTGTCTGAGTTATTGGCACTTGC  
 AAAACGGGAACAGAAGATTGTGATATTTGATCTGTTCCGGCCTCGACCAGGACATCCTCTCAGAAACACT  
 TTTGTCCGAAGGGTGGTAAAGGTCATCCTTGACTCTAAGATCGAGCAGCGTCTGATATTTGGTTGCCGG  
 GTTTTGATAGAGACTATGTCAGGTTTCATGGCTCCTGGTTTTTCAGCACGTGGGCCGTTTATGGTCCATTAA  
 AGACCTTACAAAACATAATATTACTATAATAAATGTTGACTATAAGAGATTGTTCTACGCTGGGTTAAGA  
 GATTATAAGGAAGCTAAAATCTACATCCATGTGTATGTTATCAATGAGCCTTGGCTCTTCTCACTGGCCT  
 GGTGTTCTAGTATCAACTCTGTGACCACAGACAACATTGAGCTCCTAAATCAGCTCAGTCGCCCTCTCTT  
 CTTTATGACACCAGGATTCTACATGTTTCATGTGGCTTTTCTGGATATTGCTTCTGCGGTTATCATTGGT  
 TTTGTCTTTTGTATAACTGGATAAAAGAGATTAAGAGAAAAGTGGCTTGAAGCTGCTGCATCTTCAG  
 GTTACTGCATTAGAGACTATAACAGATATAACAGAAAATAACGATGCCTCTCAACAGAAGCCAGAGGT  
 GGCCCTACGTCTGCCAAGTTCAGCCCTGAAAATATGATAGAAGTTCAGAAAACAGAGCCTAAAAACAGAA  
 AACTTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_177696

**Insert Size:** 1899 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\\_177696.3](#), [NP\\_808364.2](#)

**RefSeq Size:** 3050 bp

**RefSeq ORF:** 1899 bp

**Locus ID:** 233537

**UniProt ID:** [Q3TT99](#)

**Cytogenetics:** 7 E1