

Product datasheet for **RN204532**

Gdpd2 (NM_001106944) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gdpd2 (NM_001106944) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gdpd2
Synonyms:	RGD1560780
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204532 representing NM_001106944
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGAGTCCCCGGCTGCTGCTCCGCTCTGGGCCGCTGCCTCCACTGCCTGTACAGCTGCCACTGGA
 GGAGACATCCTAAAGAGAAGATACAAACCAGCAAGTGCGACTGCATCTGGTTTGGCCTGCTTCCCTCAC
 CTTCTCTGTCCCTGGGATGGCTGTACATCGGGCTCATCCTTCTCAATGATCTGCACAACCTCAATGAA
 TTCCTGTTCCGCCATTGGGGACTGGATGGACTGGTCCCTGATAGTCCCTGCTGGTCATCTCTCTCTGG
 TCACATATGCATCCTTGCTATTGCTCCTGGCCTGCTCCTGCAGCTCTGTGGACAGCCTTTGCATTTCA
 CAGTCTCCACAAGGTGCTGCTTCTTCTTATTACTTCTAGTGGCCACTGGCCTTGTGGGACTGGATATC
 CAATGGCGACAGGAGTGGCATAGTTTACGACTGCTACTGCAGGCTACAGCCCCATTCCTTACATTGGAG
 CAGTTGCTGGAATCACCTTGTAGCCTGGCCTGTGACTGACACCTTCTACCGCATCCACTGGAGAGGTCC
 CAAGATTCTGCTACTGTTCTATTTTTTGGAGTACTCTGGTTATCTACCTGACGCCCTTGTTCATCTCT
 TCCCCCTGCATTATGAAACTCAGAGATTTACCTCCAAGCCTGGGTTGGTGGGACACCGAGGCGCCCCCA
 TGCTGGCCCTGAGAATACCCTGATGTCCTGCGGAAGACAGCTGAATGTGGAGCGGCTGTGTTGAGAC
 AGATGTGATGGTCAGCTCTGACGGAGTCCCTTTCTCATGCATGATGAGCGGCTGAGCAGGACTACCAAT
 GTAGCCTCCGTGTTTCCAGAGCGAATCTCAGCCCCACAGCAGTACTTCTCCTGGGCTGAAGTGCAGAAAC
 TCAATGCTGGAACCTGGTTTCTAGAGAGGCGACCTTTCTGGGGGGCCAAAAGCTGTCCGGCTCTGATCA
 GAAGGAGGCTGGGAATCAGACAGTACCAGCATTAGAGGAAGTGTGAAGGAAGCAGCAACCCTCAACCTT
 TCTGTCTGTTTACTTGGCCGACCCCAAGAAACCACAGTACTATGATACTTTTGTGAATCAGACGG
 TGGAGCCGTGTTGAGTGGCAAGCGTGGCCCAAGCCATGGTTCTTTGGCTCCCGGATGAAGACCGTGTCT
 TGTGCAACAACGGGCTCCAGAATGCGCCAGATATATGGATATCGGGGTAGCAACGGGACTGAGAGGCC
 CAGTTTCTCAACCTCCCTACCAAGACCTGCCTGTGTTGGATATCAAGGCACTGCACCAGGATAATGCTCT
 CTGTGAACCTGTTTGTGTAACAAACCCTGGCTTCTCCTGCTCTGGTGTGCAGGGGTAGATTCCGT
 CACCACCAATGACTGCCAAGTCTGCAGCAGATGCAGTACCCGCTCTGGCTTATTCCTCCAGAAAGTAC
 TTAATGATATGGGTATCACCAGTGTGCCTCCATTCTGCTACTTTTGTGATCTTCTCCTCCGAGGGA
 GATGTGCTGGGAGAAGCAGAACAGGCTTAGAAACAGCAGTCTACTGACCAAGATCAATAATTTACCTC
 AGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001106944

Insert Size: 1617 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_001106944.1](#), [NP_001100414.1](#)

RefSeq Size: 2500 bp

RefSeq ORF: 1617 bp

Locus ID: 302421

Cytogenetics: Xq22