

Product datasheet for **RN210805**

Pdpr (NM_001107430) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pdpr (NM_001107430) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pdpr
Synonyms:	RGD1308307
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210805 representing NM_001107430
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTTTACCGTTGCTGTCTATTGTCCAAAGACAAGAAGTACGCCAGGATGGCAGACCTGGTCATCGG
 CAAGAAGCAGCAGTCCGCTGCCGAGGCCAGTCTATTGCTCTGCCTGCCAGGCCAGGTGGTCATCTG
 TGGGGTGAATCATGGGTACGCTGTGGCCTATCACCTCTCCAAAATGGGATGGCAAGATATTGCCTT
 TTGGAGCAGGGCAGGCTGGCTGCTGGCTCAACAAGTTCTGTGCTGGCATCCTAAGCACTGCTAGGCATT
 CAAGCATTGAACAGAAGATGGCTGACTATTCAAACAACTCTACCATCAGTTAGAACAAGAAACAGGGAT
 TCAAACAGGTTACTTAAGGACAGGCTCAATCTCTGCCCCAACTCAGGACCGTTGATCTCTCTGAAG
 CGTATCAACTCAAGGCTGAATGTTGTAGGTATACCTTCTGAGATCATCTCCCGAAGAAAGTGGCCGAAC
 TTCATCTCTCCTCAATGTCATGATCTGGTGGGAGCCATGCACGTTCTGAGGACGCGAGTAGTGTCTC
 TGCTGATGTGGCTTTGCCCTGGCAAGTCTGCCCTCCAGAATGGTGTTCAGATTTATGACCGGACAAGT
 GTTCTTCACTGACTGACCAAAAAGGTCGAGTTACTGGTGTGGACACAGATAAAGGGCAGATCGAATGCC
 AGTATTTTGTCAACTGTGCTGGTCACTGGGCGTATGAGCTGGGTTTGTCCAGCGAGGAGCCGGTTAGTAT
 CCCGCTGCACGCCTGTGAGCACTTCTACCTTCTGACTCGTCCCTGCGACGCCCTCTGCAGAGCAGCACA
 CCAACCGTTGGGATGCGGACGGAAGAATTTACATTAGGAACTGGCAGGGTGGCGTCTTGTCTGGAGGCT
 TTGAGAAGAACCACAACTATTTTCACTGAAGGCAAGAACCAGTTGGAAATTCAGAACCTTCGGGAAGA
 TTGGGATCACTTTGAGCCCTGTTGAGTCCCTCCTGCGCAGGATGCCAGGATTGGAGTCTGTGGAGATT
 TTGAAGTTGGTGAATGCCCTGAGACCTCACGGCAGACATGAAGTGCATCATGGGCGAGTCCCTGTGCG
 TCCAGGGTACTTTGCTGCTGGCAGGGTGAACCTGCTGGCCTGTGCTGGGCGAGGAGGCAAAAGT
 CCTAGCTGAATGGATGGTGTATGGTTACCCCTCTGAAAACGCTCTGGGAATTTGGACTTGCAGCGCTTTGGA
 GCCCTCCAGGGCAGCCGACCTTTCTGCGCCACCGGGTCAAGGATGCTGCTGATATACGATCTGA
 AGGTTCTCGTTGGGATTTCCAGACTGGAAGGCAGTTGCGCACATCTCCTTTTATGACCGGCTGGATGC
 TCAAGGAGCCAGATGGATGGAGAAACATGGATTTGAGAGGCCAAAGTACTTTGTTCCACCAACAAGGAC
 CTTCTTGCAATAGAACAGAGCAAGACTTTCTACAAGCCAGACTGGTTTGGATATTGTGGAGTCTGAAGTCA
 AATGCTGAAGGAAGCTGTGTGTCTTACATGTCCTTTTCCAAAAATTTGAAATAACTTCCACTGG
 GGACAGGCATTAGAAAGTCTGCAGTACCTTTTCTCCAATGACCTAGATGTGCCTGTAGGCCACATTGTT
 CACTGCGATGCTCAATGAATATGGAGGGCACAAAATGACTGCAGCATTGCTCGCCTGACCAACGCA
 GTTCTTCTCATGATCTCTCAACTGATCAGCAGGTCACCTGTTGGGCTGGCTTCACAAGTACTTGCCGAA
 AGACAGCAACTTGTGCTGGAAGAGCTCACCTGGAAGTACACAGCCCTCAATCTGATTGGCCCTCGAGCT
 GTGGACGTGCTGTCTGAGTTGTCTATGCCCTATGACTCCAGACCCTTTCCAACCTCTTTTGAAGG
 AGATGAGTGTGGGCTATGCAAAATGGGATCCGGGTGATGAGTATGACTCACACAGGAGAACCAGGATTCAT
 GCTGTATATCCCATAGAGTATGCTCTGCATGTCTACAATGAGGTGATGAGTGTGGACAGAAATATGGA
 ATCCGGAATGCTGGGATACGCTCTCAGAAGTCTCCGAATTGAGAAGTTTTTGTCTTTCTGGGGTCAGG
 ACTTAAACACCCTCACACGCCCTGGAATGTGGAGGAGAGTCTCGCGTGAAGTTAGAGAAGGGCATAGA
 CTTCACTGGTCCGGATGCCCTGCTGCAGCAAAAGCAGACCGGGTATATAAACGCCTCGTTATGTTTATT
 CTGGATGACCATGACACAGACCTGGACTTGTGGCCTTGGTGGGAGAACCCATTTACCGAACGGAAGT
 ACGCTGGCAAGACCACAGCAGTGCCTACAGCTACACTCTTGGAGCCATGTATGCCTGGGCTATGTACA
 CAACTTTTCTGAGGACAGCGGGGAGAGCAGGTGGTGGACAGAGATTTTCAACCGAGGAGAATATGAG
 ATTGACATTGCAGGACATCGGTTTCAGGCCAAGGCCAAGCTCTACCCCGTACCTCTTTTTTCACTCACA
 AGCGTAGAAAGGATGACGTGGAGCTGAGTACTTTCATGGGAAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001107430

Insert Size:	2637 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:	<ol style="list-style-type: none">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:	<u>NM_001107430.1</u> , <u>NP_001100900.1</u>
RefSeq Size:	2847 bp
RefSeq ORF:	2637 bp
Locus ID:	307852
Cytogenetics:	19q12