

Product datasheet for **RN210872**

Pgr (NM_022847) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pgr (NM_022847) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pgr
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210872 representing NM_022847
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACTGAGCTGCAGGCAAAGGATCCGCGACTCTCCACACATCTGGCGCCGCGCCCTCCCCACCCAGC
 TCGGGTCTCCCTTGCTTGACGCTTGACCCGGATCCCTTCCAGGGAGTCAGCACTCGGACGCATCGTC
 TGTAGTCTCGCCAATACCGATCTCCCTGGACCGGCTGCTCTTCTCGGTCTGCCAGGCTCAGGAGCTC
 CCAGACGAAAAGACACAAAATCAGCAGTCGCTGTCCGACGTGGAGGGAGCTTTCTCTGGAGTGGAAGCT
 CGCGCCGAAAGAAGCAGAAATCCCAGAGCTCCGAGAAGGACAGCACTTTAGACAGTGTCTTAGACAC
 CCTGTTGGCGCCCTCGGGCCCGAGCAAAGCCAAACCAGCCCTCCAGCCTGCGAGGCCATCACTTCTGG
 TGTCTCTTTGGCCAGAGCTTCCAGAAGACCCCGCAGTGTCCCGCTACCAAGGGTGTGTGCCCGC
 TCATGAGCCGGCCAGAGAGCAAGGCTGGCAGACGCTCCGGACAGGAGCAGGGCAGAAGGTGCTGCCAA
 AGCGGTGTACCACCCCGCAGCTGTTGCTCCGACCTCGGGAGTGTCTACTGGCCGGGCGAGGGGTG
 AAGCCATCTCAGCAGCCTGCTACGGTGGAGGTGGAGGAGGACGGTGGTCTCGAGACCGAGGGCTCTGCGG
 GTCGCTTCTGAAGAGCAAACCTCGAGCACTGGAAGGCATGTGTAGCGGAGGAGGAGTACAGCCAAACGC
 GCCCGGCGCGGCCAGGAGGCGTACCTTGGTCCCAAGGAAGATTCGCGTTTTCTGCTCCCAGGGTCT
 TCCTTGGAGCAAGACGCTCCAGTTGCCCGGGCGCTCCCACTGGCCACCACAGTGGTGGATTTTCAATC
 ACGTGCCATTCTGCCTCTGAACCACGCTCTCTAGCCGCGCCGACCCGGCAGCTGCTGGAGGGAGACAG
 CTACGACGGCGGGGCTGCAGCGCAAGTCCCTTTGCTCCACCTCGGGGCTCGCCCTCCGCGCCATCCCCG
 CCGTGCCTGCGGTGACTTCCAGACTGCACCTACCTCCAGAAGGCGACCCTAAAGAGGACGGGTTCC
 CAGTTTACGGCGAATCCAGCCTCCCGCTTGAAGATCAAGGAGGAGGAGGAGGGCAGGAGGCTGCTTC
 CGCTCGCCGCGCCCTACCTGTTGGCCGAGCCAGCGCCGACCTTCCAGACTTCCCGCTGCCGCG
 CGGCCGCGGAGCGCCACCCTCCAGGCCGAGAGGCGCGGTAGCCGCCCCGAGCGCCGCGGTGTCGC
 CAGTGTCTCGTGGGCTCCGCACTGGAGTGCATCCTGTACAAAGCGGAGGGCGCGCCGCCACGCAGGG
 TTCGTTGCCCCATTGCCCTGTAACCCCGGCCGCGCAGCTCCTGCCTGTTCCCGGGACAGCCTGCC
 GCCGCTCCGACCTCCTCGGCAGCACCGGCATCTACCCGCGCTCGGCCTCAATGGGCTCCCTCAGTGG
 GTTACCAGGCCGCGGTGCTCAAGGACAGCCTGCCCAAGTCTACCCGCTACCTCAACTACCTGAGGCC
 AGATTCAGAAGCCAGCCAGAGCCACAATATGGCTTTGATTCTTACCTCAGAAGATCTGTTAATCTGC
 GGGATGAAGCATCTGGTGTCACTATGGTGTGCTTACCTGTGGGAGCTGCAAGGTCTTCTTAAGAGGG
 CGATGGAAGGGCAGCATAACTATTTATGTGCCGAAGAAATGATTGCATTGTTGATAAAATCCCGAGAAA
 AACTGTCCAGCATGTCGCTGAGAAAAGTGTGTGAGGCTGGCATGGTCTTGGAGGTGCTAAGTTAAG
 AAGTTCAATAAAGTCCGAGTTATGAGAGCCCTCGATGGTGTGCTCTCCCCAGTCAGTGGCCTTCCCTA
 ATGAGAGCCAGACCCTGGGCCAGAGAAATCATTTCACCAAAATCAAGAGATTCAACTGGTTCGCCCACT
 CATCAACTGCTCATGAGCATTGAACCTGATGTGGTTTATGCAGGGCATGACAACACAAAGCCGACACT
 TCCAGCTCTTGTGACCACTCAACCAACTAGGCGAGAGGCAGCTGCTTTCAGTAGTCAATGGTCTA
 AGTCTCTGCCAGGTTCCGGAATTACACATCGATGACCAGATAACCCGATTGACTACTCCTGGATGAG
 CCTGATGGTGTGTTGGCCGGGGTGGAGGTCGTACAAGCATGTGAGTGGACAGATGCTATATTTGACCT
 GATCTAATCCTGAATGAGCAGAGGATGAAGGAGTTGCTATTCTACTCGCTGTGCCTTACCATGTGGCAAA
 TCCACAGGAGTTTGTCAAGCTCCAGGTGACCCACGAGGAGTTCTCTGTATGAAAGTCTTACTTCTCT
 TAACACAATTCCTTTGGAAGCCCTGAGGAGTCAAAGCCAGTTTGAAGAGATGAGGTCAAGCTATATTCGG
 GAATTGATCAAGGCAATTGGCTTAAAGACAGAAAGGGTGGTCCCCAGTTCACAACGCTTCTATCAACTTA
 CAAAATCTTGACAGCTTGCATGATCTTGTGAAACAGCTCCACCTGACTGCTTGAATACGTTTATCCA
 ATCCCGGCACTGGCTGTGGAATTCGGAAATGATGTCTGAAGTATTGCTGCCAGTTGCCCAAGATC
 CTGGCGGCATGGTGAAGCTCTCTCTTCCAAAAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_022847
Insert Size:	2772 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:	NM_022847.1 , NP_074038.1
RefSeq Size:	3056 bp
RefSeq ORF:	2772 bp
Locus ID:	25154
UniProt ID:	Q63449
Cytogenetics:	8q11
Gene Summary:	receptor for progesterone; regulates glutamic acid decarboxylase expression in the hypothalamus during proestrus; may mediate production of the GnRH and LH surge [RGD, Feb 2006]