

Product datasheet for **RN206609**

Pigc (NM_001012207) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pigc (NM_001012207) Rat Untagged Clone
Tag: Tag Free
Symbol: Pigc
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN206609 representing NM_001012207
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGTGCTCAACATGTAGCGGACACCTCCGAAGTCAAGTGGCAGAAGGTTTTATATGAGCGGCAGCCAT
TCCCTGATAACTATGTTGACCAAAGTTCTGGAGGAGCTCCGAAAAACATCTATGCCCGAAATACCA
ATACTGGCTGTGGTATTTGAGTCCAGTGTGGTGATACAACAGCTGTGCAGTGTCTGTCTTTGTAGTC
ATTTGGTGGTACATGGACGAGGGTCTTCTGGCTCCCAAGTGGCTTTTGGGACTGGACTGGCATCGTCT
TGGTTGGGTATGTGTTATTTGATCTTATTGATGGAGGTGATGGACGGAAGAAGAGTGGGCGGACCCGGTG
GGCCGACCTGAAGAGTACTCTGGTCTTCACTTTACAGTACGGTTTCTCACCAGTGCTAAAGACCCTG
ACAGAGTCCGTCAGTACGGACACCATCTACGCCATGTCCGTTTTATGCTGTTAGGCCATCTCATCTTCT
TTGATTACGGTGCCAATGCTGCTATTGTATCTAGCACACTGCTTGAATATGGCCATCTTTGCTTCTGT
TTGCCTGGCCTCACGCCTCCCCGGTCACTACATGCCTTCATCATGGTGACATTTGCCATCCAGATCTTT
GCACTGTGGCCCATGTTACAGAAGAACTGAAGGCGTATACCCAAGAAGCTATGTGGGGTCAACCCTGC
TTTTTGCCTTTTCACTTTTGGAGGTCTTTGTCCATTAGTGGTGTGGGAGCCATACTCTTTGCTCTTCT
GCTGTTTTCCATTTCTGTCTCTGCCCTTACTATCTCATTACCTGCAGCTTTTTAAGGAAAATATTCAT
GGGCTTGGGATGAGGCAGAAATCAAGGAAGACTTGTCAGGTTCCCTAGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001012207
Insert Size: 894 bp



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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_001012207.1</u> , <u>NP_001012207.1</u>
RefSeq Size:	1446 bp
RefSeq ORF:	894 bp
Locus ID:	364032
UniProt ID:	<u>Q5PQQ4</u>
Cytogenetics:	13q22
Gene Summary:	Involved in GPI anchor biosynthesis. Part of the complex catalyzing the transfer of N-acetylglucosamine from UDP-N-acetylglucosamine to phosphatidylinositol, the first step of GPI biosynthesis.[UniProtKB/Swiss-Prot Function]