

Product datasheet for **MC200282**

Pigc (NM_001039045) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pigc (NM_001039045) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pigc
Synonyms: 3110030E07Rik; AW212108
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC006938 sequence for NM_001039045
CACCCCTAAAGAGCTTGGTGCAGGAATTTAGCTGTGTGTCTGACCCCTCAGGACAAACTCATCTAAT
GCAGGCTCAGCTTGTACTGAAGGCTTTGTAACAAGGAAAGTTCTGTAGGTATCAGCATGGCATTCCCA
GAGAGTTCTTAATCTACAGATTTATCAAGAACCAGAACCCTGACGTCCTGAGGGAGATTGAGCCAA
CCTGGATTTGAGGAAAGAATGAGATAATGTGTGCTCAACGTGTAACAGACACCCAGAAAGTCAAGTGGCA
GAAGGTTTTATATGAGCGGCAGCCGTTCCCTGATAACTATGTTGACCAGAGGTTCTGGAAGAACTCCGG
AAAAACATCTATGCCCGAAGTACCAGTACTGGGCTGTGGTATTTGAGTCCAGTGTGGTATACAGCAGC
TGTGCAGTGTCTGTGTTTTGTAGTGATCTGGTGGTACATGGATGAGGGTCTTCTGGCTCCCAAGTGGCT
TTTTGGGACCGGACTGGCATCTTCTGGTGGTATGTTTTATCGATCTTATCGATGGAGGTGATGGA
CGGAAGAAGAGTGGGCGACCCGGTGGGCGACCTGAAGAGTACTCTGGTCTTTATCACTTTCATTACG
GTTTTTACCTGTGCTAAAGACCCTGACGGAGTCTGTCAGTACAGACACTATCTACGCCATGGCAGTCTT
TATGCTGTAGGCCATCTCATCTTCTTTGATTACGGTGCCAATGCTGCTATTGTATCCAGCACCCGTGCC
TTGAACATGGCCATCTTTGCTTCTGTTTGCCTGGCCTCACGCCTCCCGGTCACCTCCACGCCTTCATTA
TGGTGACGTTTGTATCCAGATCTTTGCACTGTGGCCATGTTACAGAAGAACTGAAGGCGTACACCCC
GCGAAGCTATGTAGGGTCACTTTGCTTTTTGCCTTTTCTGCCTTTGGAGGTCTTCTGTCCATTAGTGT
GTGGGAGCCATACTTTGCTCTCTGCTGTTTTCCATCTCTGTCTCTGCCCTTACTACCTCATTATC
TGCAGCTTTTTAAGGAAAATATTCACGGCCTTGGGATGAAGCTGAAATCAAGGAAGACTTGTCTAGGTT
CCTTAGCTAATCTAGGGACCTTCATTTTATTATTAAGACCAGCGGAAAGACTTCGAGCCTAACCGGTGCA
ACATTTAAAGGCAGGGTCCACTTTGAAGCAGCCGACTGATCTAGATGGTAGAGCTGAGATCAGAAGAA
AGCATTTAAACCAAGGGCTTAGGGGAGGGTGTCTGCTTTCAGTTATTTTGTGACTGAAAAAGCTTTCTGG
TGCTGTTATGAATTATTGCTTTTATTCCTGTAAACAAATGATGTAATGTGGTCTGCTTATTAATAAAA
GTAATATCCATAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_001039045
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:	BC006938 , AAH06938
RefSeq Size:	1434 bp
RefSeq ORF:	894 bp
Locus ID:	67292
UniProt ID:	Q9CXR4
Cytogenetics:	1 H2.1
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 encode the same protein.</p>