

Product datasheet for **MC226878**

Pigc (NM_026078) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pigc (NM_026078) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pigc
Synonyms: 3110030E07Rik; AW212108
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226878 representing NM_026078
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTGTGCTCAACGTGTAAACAGACACCCAGAAGTCAAGTGGCAGAAGGTTTTATGAGCGGCAGCCGT
 TCCCTGATAACTATGTTGACCAGAGGTTCTGGAAGAACTCCGGAAAAACATCTATGCCCGAAGTACCA
 GTACTGGGCTGTGGTATTTGAGTCCAGTGTGGTGATACAGCAGCTGTGCAGTGTCTGTGTTTTGTAGTG
 ATCTGGTGGTACATGGATGAGGGTCTTCTGGCTCCCCAGTGGCTTTTGGGACCGGACTGGCATCTTCT
 TGGTTGGGTATGTTTTATTCGATCTTATCGATGGAGGTGATGGACGGAAGAAGAGTGGGCGGACCCGGTG
 GGCCGACCTGAAGAGTACTCTGGTCTTTATCACTTTCACTTACGGTTTTTACCTGTGCTAAAGACCCTG
 ACGGAGTCTGTCAGTACAGACACTATCTACGCCATGGCAGTCTTTATGCTGTTAGGCCATCTCATCTTCT
 TTGATTACGGTGCCAATGCTGCTATTGTATCCAGCACCTGTCCTTGAACATGGCCATCTTTGCTTCTGT
 TTGCCTGGCCTCACGCCCTCCCCGGTCACTCCACGCCCTCATTATGGTGACGTTTGCTATCCAGATCTTT
 GCACTGTGGCCCATGTTACAGAAGAACTGAAGGCGTACACCCCGGAAGCTATGTAGGGGTCACTTTGC
 TTTTGGCCTTTTCTGCCCTTGGAGGTCTTCTGTCCATTAGTGTGGGAGCCATACTCTTTGCTCTCCT
 GCTGTTTTCCATCTCCTGTCTCTGCCCTTACTACCTCATTATCTGCAGCTTTTTAAGGAAAAATTTAC
 GGCCTTGGGATGAAGCTGAAATCAAGGAAGACTTGTCTAGGTTCCCTTAGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_026078
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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_026078.2 , NP_080354.1
RefSeq Size:	3301 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 (1) represents the longer transcript. Variants 1 and 2 encode the same protein.</p>