

## Product datasheet for **RN204379**

### **Pigq (NM\_001007607) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pigq (NM_001007607) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pigq
Synonyms:	MGC93737
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN204379 representing NM\_001007607  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGTGCTCAAGGCCTTCTTCCCCACATGCTGTGCCTCAGCAGACAGTGGCCTATTGGTGGGACGGTGGG  
 TCCAGGACAGAATAGTGTGTGATCCTGGCTGTGGTGCCTTTCCCTTCATCCCCATCCAAGTCAAGGA  
 GCTCCTGGCCAGGTGCAGAAGGCTAGCCAAGTACAAGTACTGTGCTAGGCACCTGGTCCACCGTCAG  
 CAGGAACAGAGGAGAGCCTGGGAAATTCCTAGAGGGCCTGGGTGCCATCTTCTCCATAATCCCTGGT  
 TGCAGCTATGCCGGGAGAAGGGCACCAGATTCTGGAGCTGCAAGGCCACTTACCATCAGATGTCTAGCAC  
 TCTGGACACCCACTGAAGACCAGTCTGCTCATTCTATGACCAGCGCAAGCTGCTGCTCCTCGG  
 CTGCATCCACCTCCGGTACTACCTGACTGCCAGATTGGAGACAGCACAGCCAGCACTGGAGGCTAGCTG  
 ACATCTTTGACACAGTGGCAGCAGTGAGTTCTCTCCGAAATGACCAGTTTATGAGGGACCTGTGCC  
 CCTGAGCCACTGGCAATCAGAGGGAGTGGAGGCCAGTACTTGTGGAGCTGGCAAAGCGGGCCTCTGGG  
 CCTGTCTGCCTGCTGCTGGCTTCTCTGCTGCCCTGATCTCAGCAGCCAGTGCTTGTCCGGTATGGAAGC  
 TGGGGCCTCTTGCCCTTCATCAGAAGCAAGCTCTCCACTTGTGAGCAGCTCCAGCACCGGCTGAAGCACCT  
 CTCATTTCATCTTCAGCACCGAGAAAGCCAGAGTCCCATGCAGCTGATGAGGAAGGCCAACATGCTGGTT  
 TCTGTGCTCCTGGATGTGGCCCTTGGCTTGTGCTGCTCTCTTGGCTCCACAGCAACAACCGGATTGGAC  
 AGCTGGCAATGCCCTGGTCCCTGTGGCCGATCGCGTGGCTGAGGAGCTCCAGCATCTGCTGCAGTGGT  
 GATGGGTGCTCCTGCTGGGCTCAAGATGAATCGGGCACTGGATCAGGTGCTAGGCCGCTTTTTCTGTAC  
 CACATCCACCTGTGGATCAGCTATATCCACCTAATGTCCCCTTTATTGAGCACATCCTGTGCCATGTGG  
 GACTCTCAGCCTGCCTTGGACTGACTGTTGCTCTGTCCATCTTTTCGGACATCATCGCCCTCTTACCTT  
 CCACATCTACTGCTTCTATGTGTACGGTGCCAGGCTGTACTGCCTGAAGATCTATGGCCTCTCCTCGCTC  
 TGGCGTCTCTCCGGGAAAGAAGTGAATGTTCTGCGCCAGCGGTTGGATTCTTGTTCCTATGACCTTG  
 ACCAGCTGTTTCATCGGGACCTTGTCTTCCACCTCTTGGTCTTCTTGTGCTGCCACCACCGCTCTGTA  
 CCTGGTATTCACCCTGCTCCGGCTCCTGGTACTGTCGAGGGCTTAATCCATCTACTGTAGACCTC  
 ATCAATCCCTCCACTGTACTCCCTTGGCCTTCGACTCTGCCGACCCTACAGGCTGGCAGCTGGTGTGA  
 AGTTCAGAGTTCTGAAAAGGAGGCAGGCAGGCCCTCCGCTCCTGATGCAGATAAACCTCTGCCCTA  
 TAGCCATGTTGTGCACACCTACCGTCTGCCTAGCTGTGGCTGCCATCCCAAGCACTCTGGGGTACTCTG  
 TGCCGAAAGCTGTTCTTCGGAGAGCTCATCTACCCTGGAGGCAGAGAGAGGACAACAGGACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001007607
- Insert Size:** 1746 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:**

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\\_001007607.1](#), [NP\\_001007608.1](#)

**RefSeq Size:** 3024 bp

**RefSeq ORF:** 1746 bp

**Locus ID:** 287159

**Cytogenetics:** 10q12