

Product datasheet for **RN213989**

Pigb (NM_001108166) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pigb (NM_001108166) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pigb
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213989 representing NM_001108166
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGCCCGAGACCCGCGATCACAGCACGGCCTTCCGCAATCTCCACAGCAGCTCTGGAGAGATGAAGC
 TCGGGAAGAGGAAGTCCACGCAGTATGTGATCGCTCAGGAGAAGCGCTCTCGGCGCCGTGATCTTCTTGG
 AGAAAACACTTACCTGGTCTTGTACCATTGCTCTGCGAATATTTAACTGCTTCTTAGTCCAGACAAGT
 TTTGTTCTGATGAATACTGGCAGTCTCTGGAAGTTGCACACCACATGGTTTTCGGTTATGGCTATTTGA
 CCTGGGAATGGACAGAGAGACTGAGAGTTACTTATCCCTAATCTTTGCAAGCATTTACAAGATTCT
 GCATCTTCTGGGAAAGACAGTGTCAATTACTGATCTGGATTCCAGACTTGGCCAAGCTTCTCTGTCT
 GCTGTAGCAGACCTAAGGCTTTACTCCCTCACGAAGCAGCTGGAAAACCAGGAAGTGGCACGATGGGTGT
 TTTTCTGCCAGCTGTGTTCTGGTTCACGTGGTACTGCTGTACCCGAACCCTCACAAACACCATGGAGAC
 TGCCCTCACTGCCGTTGCCCTTTTCTACTATCCTCTGGAAGGCTCGAGGTCCAAGAACAGTGTCAAGTAC
 TCCTCTCTGGTGGCACTTGTCTGTGGTCCGCCCCACAGCACTTATCCCGTGGGTGCCGTTACTCTTCA
 GACATCTCTACCAAGAACAGAGAAAGCTCCACCTGACGCTGCATCATTTTTTACCCGTAGGATTCATTAC
 CTTCAAGTTTGTCTCTGATAATTGATCGTATCTTTTTTGGCCAATGGACGCTGGTCCAGTTAACTTTTTG
 AAATTTAACGTGCTGCAGAACTTGGGGACATTTATGGCTCTCACCCATGGCACTGGTACTTCAGTCAAG
 GGTTTCCAGTTGTCTGGGGACCACTTACCCTTCTTATTACGGTTGCTTCTGGCCCTAGGAGGCT
 CAACATACTGTGCTGGCCGTGCTGTGGACACTGCTAGTGTACAGCATGTTGGGCCACAAAGAATTCAGA
 TTTATCTATCCAGTTTACCATTTTGCATGGTGTCTGTGGTACTCGCTAGCCACCTGAAGGCATGGA
 GGAAGGCAGCTGAGCTTCTGCTCTGTCAAATGTGCTGCTGGCACTACACTGGCCTAGTTCATCA
 GAGAGGCAGCTGGACGTCATGAGTCACATTCAGAAAGTCTGCCCCAGAGGCCCTGACCCAGCTCCGGCC
 TCAGTATTCATCATGATGCCCTGCCACTCCACGCCTTACTACAGCCATGTTCACTGCCCACTGTCCATGC
 GGTTTCTCCAGTGTCCCCAGACTTACTGGAAAACTCAGTATCTTGTGAAGCAGATACGTTCTACTT
 AAACCCCTTAGGCTGGTTACAACAAGAGTTTACAGCAATGTGTCACTCCCACTCACTTGGTCACCTTC
 AATGTTCTGGAGAAGGAGATCCATGCCTTCTCACCTCAGGGAATATGAGAGGACTGCTACTTTCTTCC
 ACACTATTGGCCAGAGCGTGAAGTGGCAGTCACATACATGTCTACGAGCGGAGTTAACCAGCAGAGT
 CAGCACAGGAGGAACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001108166

Insert Size: 1629 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_001108166.3](#), [NP_001101636.3](#)

RefSeq Size: 2189 bp

RefSeq ORF: 1629 bp

Locus ID: 315807

Cytogenetics: 8q24