

Product datasheet for **RN212708**

Pigt (NM_001106540) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pigt (NM_001106540) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pigt
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212708 representing NM_001106540
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCTGCCATGCCGCTGGGTTTATCGTTGCTGTTGCTGGTCTAGTGGGCGAGGGCTGCTGTGGCC
 GCGTGGAGGGCCACGCGACAGCCTGCGAGAGGAACCTCGTTATCACTCCGCTGCCTCCGGCGACGTGGC
 CGCCACATTCCAGTTCGCGACGCGTTGGGATTCGATCTGCAGCGGGAAGGAGTGTCCATTACAGGCTC
 TTCCCTAAAGCCCTGGGACAGTTGATCTCCAAGTACTCTGCGGGAGCTACACCTGTCATTACAGCAAG
 GCTTTTGGAGGCCGATACTGGGGGCCACCCTTCTGCAGGCTCCATCAGGTGCAGAGCTCTGGGTCTG
 GTTCCAAGACTGTCACAGATGTGGATAAGTCTTGAAGGAGCTCAGTAATGTCCTCTCAGGGATCTTC
 TGGCGTCCCTCAACTTCATCGACTCCACCAATACCGTACTCCACAGCCTCCTCAAACCTCTGGGGC
 TGGCAATGACTGACCACTACTTCTGCGCTATGCTGTGCTGCCCCGGGAGGTCGTCTGCACCGAGAA
 TCTCACGCCGTGGAAGAAGCTCCTGCCCTGTAGCTCCAAGGCAGGGCTGTCCGTCTACTGAAAGCAGAT
 CGATTGTTCCACACCAGTTACCACTCCAGGCAGTGCATATCCGGCCAATCTGCAGAAATGCTCACTGCA
 CCAGTATCTCCTGGGAGCTGAGGCAGACCCCTTTCAGTTGTCTTTGATGCCTTCATCACCGGACAGGGAA
 GAAAGACTGGTCCCTCTCCGCATGTTCTCCGGACTCTCACAGAGCCCTGTCCATTGGCATCTCAGAGC
 CTAGTTTATGTGGACATCACAGGCTACAGCCAGGACAACGAAACTGGAGGTGAGCCCTCCCCAACTT
 CCACATACCAGGATGTCATTTTGGGCACCAGGAAGACCTATGCCGTCTATGACTTGTGTTGACACAGCCAT
 GATCAATAACTCCGAAACCTCAACATCCAGCTCAAATGGAAGAGACCCCAAGATAATGAAGCCCTGCC
 GTGCCCTTCTGCATGCACAGCGGTACGTGAGTGGTTATGGGCTACAGAAGGGCGAGCTGAGCACCCCTGT
 TGTACAACTCTCATCCTTACCGGGCTTCCCTGTGCTGCTACTGGATGCTGTGCCCTGGTACCTGCGGCT
 GTATGTGCACACCCTCACCATCACCTCCAAGGGCAAGGATAATAAACCAAGTTATATCCACTACCAGCCT
 GCCCAGGACCGCAGCAGCCCCACCTCCTGGAGATGCTCATTAGCTGCCGCGCAACTCCGTACCCAAGG
 TCTCCATCCAGTTTGAACGAGCCCTGCTCAAGTGGACAGAATACACGCCAGACCCCAACCATGGCTTCTA
 TGTCAGCCCATCTGTCTCAGTGCCTTGTGCCAGCATGGTGGCAGCCAAACCAGTGGACTGGGAAGAG
 AGCCCTCTTTCAACACCTTGTCCCGTGTCTGATGGCTCCAGCTACTTTGTCGACTCTACACAGAGC
 CCTTGCTAGTGAACCTGCCACCCCGACTTCAAGTGCCTACAATGTGATCTGCCTTACATGCACTGT
 GGTGGCCGTGTGCTATGGCTCCTTCTACAATCTCCTCACCGAACCTTCCACATTGAAGAGCCCAATCC
 GCGGCCCTGGCAAGCGGCTGGTAACCTCATCCGGCGTCTCGTGGTGTCCCCCTCT**CTAA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001106540

Insert Size: 1743 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_001106540.2](#), [NP_001100010.2](#)

RefSeq Size: 2141 bp

RefSeq ORF: 1743 bp

Locus ID: 296360

Cytogenetics: 3q42