

Product datasheet for **MC219322**

Pigt (NM_133779) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pigt (NM_133779) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pigt
Synonyms:	2510012P17Rik; 4930534E15Rik; CGI-06; NDAP; Ndap7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219322 representing NM_133779
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCTGCCATGCCGCTCGTTCGCGTTGCGGTTACTGGTGTGTTGCTGGTGGGACGGGGCTGCT
 GTGGCTGCGCGGAGGGCCACGCGACAGCCTGCGAGAAGAGCTGTTATCACTCCACTGCCTTCCGGCGA
 CGTGGCCGCCACATTCCAGTTCGCGACGCGTTGGGATTCGATCTGCAGCGGGAAGGAGTGTCCATTAC
 AGGCTCTTCCCTAAAGCCCTGGGACAGCTGATCTCCAAGTACTCCCTGCGGGAGCTCCACCTGTCTGTTCA
 CGCAAGGCTTTTGGAGGACGCGATACTGGGGGCCACCCTTCTGCAGGCTCCGTGAGGTGCAGAGCTCTG
 GGTCTGGTTCGAAGACTGTCACCGATGTGGATAAGTCTGGAGGGAGCTCAGCAATGCCTCTCGGGG
 ATCTTCTGTGCATCCCTCAACTTCATCGACGCCACCAATACCGTCACTCCACCGCCTCCTTCAAACCTC
 TGGGACTGGCCAATGACTGACGACTACTTCTGCGCTACGCTGTGCTGCCTCGGGAGGTTGTCTGCAC
 TGAGAACCTCAGCCATGGAAGAAGCTTTCCTGCGCTGAGTTCGAAGCCGGTCTCTCAGTCTATTGAAA
 GCAGACCGCTTGTCCACACCAGTTACCACTCCAGGCAGTGCACATCCGGCCTATCTGCAGAAATGCTC
 ACTGTACCAGCATCTCTGGGAGCTGAGGCAGACCCTTTCGGTGTCTTTGATGCCTTATCACAGGACA
 GGGGAAGAAAGACTGGTCCCTCTTCCGCATGTTCTCCCGACTCTCACAGAGGCTGTCCATTGGCGTCT
 CAGAGCCTAGTTTATGTGGACATCACAGGCTACAGCCAGGATAATGAAACACTGGAGGTGAGCCCTCCCC
 CAACTCCACATACCAGGATGTCATTTTGGGCACCAGGAAGACCTATGCCGTCTATGACTTGTGTTGACAC
 AGCCATGATCAATAACTCTCGAAACCTCAACATCCAGCTCAAATGGAAGAGACCCCAAGATAATGAGGCC
 CTACCCGTGCCCTTCTGCATGCGCAGCGGTACGTGAGTGGCTATGGACTGCAGAAGGGAGAGCTGAGTA
 CTCTGCTGTACAACCTCCATCCTTATCGGGCCTTCCCCGTGCTGCTGCTGGATGTCGTGCCCTGGTACCT
 GCGGCTGTATGTGCACACGCTCACCATTACCTCCAAGGCAAGGAGAATAAACCAAGTTACATCCACTAC
 CAACCTGCTCAGGACAGGCAGCAGCCCCACCTCCTGGAGATGCTCATTACAGTGCAGCCAACTCCGTCA
 CCAAGGTCTCCATCCAGTTTGAACGAGCCCTGCTCAAGTGGACAGAGTACACACCAGACCCCAACCACGG
 CTTCTATGTCAGCCATCTGTCTCAGCGCCCTTGTGCCAGTGTGGTGGCAGCCAAACCAGTGGACTGG
 GAAGGGAGCCCTCTTTCAACACCTTGTCCCGGTGCTGATGGCTCCAGCTACTTTGTCGACTCTACA
 CAGAGCCCTTGTAGTGAACCTGCCACCCCGGACTTCAGCATGCCCTACAATGTGATCTGCCTACGTG
 CACGGTGGTGGCCGTGTGCTATGGCTCCTTCTACAATCTCCTCACCCGAACCTTTACATCGAAGAGCCC
 AAGTCGGGCGGCTGGCCAAGCGGCTGGCTAACCTCATCCGCCGTGCCGTGGTGTGCCCTCTCTAG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_133779

Insert Size: 1749 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_133779.2](#), [NP_598540.2](#)

RefSeq Size: 2574 bp

RefSeq ORF: 1749 bp

Locus ID: 78928

UniProt ID: [Q8BXQ2](#)

Cytogenetics: 2 H3

Gene Summary: Component of the GPI transamidase complex. Essential for transfer of GPI to proteins, particularly for formation of carbonyl intermediates (By similarity).[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) encodes the longest isoform (1).