

Product datasheet for **RN211591**

Pigs (NM_001006602) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pigs (NM_001006602) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pigs
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211591 representing NM_001006602
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGACCGCGGAGCTGCGGCCACAGACCTAGAGGTGGTCCGAGGCAAGCGTGCAGCGCTTTTCTTCG
 CCGCGGTGGCCATCCTTCTGGGACTGCCTCTCGGTGGAAGACGACGGAGACCTACCGTGCCCCGTTGCC
 TTA CT CAGAGATCAGTGGACTGAATGCTCTGCAGCTCCGCTCATGGTGCCAGTACAGTTGTGTTACG
 AGAGACTCTGTGCCCTGGACGACCAGGAGAAGCTACCCTTACCCTTGTGCATGAGCGAGAGATCCCTC
 TGAAATACAAAATGAAAATCAAGTGTGATTCCAGAAGGCCTACCGGAGAGCTTTGGAACACGAGGAGGA
 GGCCTGTCACTGGCAGTGTGCATGAGGCCGAAGCCTTGTAGCTGAGCCGAGAAGCAAGCAGAGGGC
 TCCCTGACTGTGTACGTGATCTCGAACACTCCTCCCTTCTTCTCAGGACATGATGAGTACATCGGGC
 CCGAGAGGACGGCCATCGTACGGGGCATGATCCACGGGAAGCCTCAACATCATTGGCCGTCGCATAAT
 CCAGTGGCCAGGCCATGTCTTTGACAGAGGATGTGCTTGTCTGCTCTGGCCGACCCTCCCTGAG
 GACAAGTGGAGCTCTGATAAGAGGCGGCCACTCAAGTCCAGCCTAGGCTATGAAATCACTTTCAGTTAC
 TCAACCCAGACCCCAAGTCCCATGATGTCCACTGGGACATTGAGGAGGGTGTCCAACGCTATGTGCAGCC
 TTTCTTGAACCGCTCAGCGCTGCAGGCAATTTCTCTGTGGACTCTCAGATCCTTTACTACGCCATGTTG
 GGAGTGAACCCCGCTTTGACCTGCCTCATCCAGTACTCCTTGCTATGCACAGCCTCCCCATGTCA
 TCAACCCAGTGGAGTCCCGGCTGGGGTCCAGTGTGCCTCCCTGTACCCTGTGCTCAATTTTTACTCTA
 TGTGCCGAGCTCGTCACTCCCCCTACATTCAGGACAAGGATGGAGCTCCAGTGGCCACCAATGCC
 TTCCACAGTCCCGCTGGGGTGGCATTATGGTATACAATGTTGATCCTAAAATCTATAATGCTTCGGAGC
 TGCCAGTGAAGTTGAGGTGGACATGGCACAGGTGATGGAGGTGTTCTGGCTCAGCTGAGGCTGCTTT
 TGGGATTGCTCAGCCCCAGGTGCCTCCAAAATGCCTGCTTTCAGGACCGAAGAGTGAAGGACTCATGACC
 TGGGAGCTGGACCGATTGCTCTGGGCTCGCTCAGTGGAGAACCTGGCCACAGCCACCACTACCCTCACCT
 CCCTGGCCAGCTTCTGGGCAAGATCAGCAACATTGTCATCAAGGATGATGTGGCTTCTGAGGTATATAG
 GGCTGTGGCTGCAGTCCAGAAGGCGGCAGAGGCATTAGCCCTTGGGCACTTGTATCCGCCTTTGCTGCC
 AGCCAGGAAGCCGTGACCTCCTCCGAGCGTGCCTTTTTGATCCTTCACTCCTCCACCTCTGTATTTCC
 CCGACGACCAGAAGTTTGTATCTACATCCCCCTTTCTGCGGATGGCTGTGCCATCCTCCTGTCTCT
 GGTCAGATCTTCTGAAAACACAAAATCCTGAAAAAGCCTGAGAAGATAGAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001006602

Insert Size: 1668 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_001006602.1](#), [NP_001006602.1](#)

RefSeq Size: 2436 bp

RefSeq ORF: 1668 bp

Locus ID: 303277

UniProt ID: [Q5XI31](#)

Cytogenetics: 10q25

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]