

Product datasheet for **RN205734**

Pigw (NM_194461) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pigw (NM_194461) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pigw
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205734 representing NM_194461
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCTCAAAGCAGCTGAAGGAAGCTTTGTGTCAGTAACCTCAGTGGACCAGTGTCTGGAAGTGACCC
 AGGGCCTGTGCTTCTCGCTTCTGTATCCTGTGTAGAGCCTTCTGATCATTTTCTCACAGCATTGTG
 CTCTTTCTTGACACCTGGACCACACAATTCTTCATGGACTTTGTTGTCTTGATAGTCCCCCTAGTGATC
 ACTCTGACTGTATTGTCTTCTTTATCCTCCTTGAGAATCTCACTGTGATTCTCTGTGGGGCGTGGCTGT
 TGTATCAGATATACCACAGGAGGACTTGCTATGCCAAAGTACCTGTCCAGAAAGTCTTGAAGCTTCTT
 GAAAATCAGCCTAGAATCAGAGTACAATCCAGCCATCACCTGTTACCGGGTCATTAACAGTGTATTTACT
 GCTATTGCCATTTGGCTGTGGATTTCCACTTTCCCTAGAAGATTTGCCAAAAGTGAACCTTTATGGGA
 CAGGAGCAATGGATTTGGAGTAGGTGGCTTTATTTTGGGGCTGCAATGGTTTGCCAGAGTTAGAAG
 GAAATATACAGAAGGGTCTAGATTTAATCATCTTAGAAAATCGTGTATTCTGTCTGGCCATTAGTCTTC
 TTAGGAATGGGAAGGTTAGTCATTATAAAATCCATAGGCTACCAGGAACATTCAACTGAGTATGGAGTTC
 ACTGGAATTTTTCTTTACCATCATAGTTGTGAAATTAATAACATCACTGCTTTTGATTATTTTCCCTTT
 AAATAAGTCATGGATTGTGGCCATCAGCATTACTGTGTTGACCAGCTTGCCCTTGACTTTACTCCACTC
 AAGGGGATAATTTGTATGGCACTGATGGCAGGGGCACAAGAGTTGGCTTATTAATGCTAACCGAGAGG
 GAATAATTTCCACCTTGGGGTATGTGGCAATATACATGGCTGGTGTACAAACAGGATTTTATGTGTTCAA
 GAGAAGAGCACAGGTGAGAGCTGGATAAAAGCTACTTGTGGGTATTCTCGTGGCTGTGGCTTCTTC
 ATTTCTCTTAATATAGTGAAGTAAACGTAGAAGCAGTATCTCGAAGAATGGCCAATTTAGCCTTTTGC
 TGTGGTGGTTGCCTCCAGCCTGATGCTGCTTAGTTGTCTGTTACTGAGTGGTATCGTTTTGAGTTTTGC
 CAAATTTCTAATTAAGGGGCTCTAGTTCCATGTTCTTGAAACTTATACAGTCTGCTACTACAAATAGA
 CAGTCTGAATCTTAATCGTAGAAGCTGAAAAGAACAACCCAGTTTTTTGTTGATCACAGCTCTGAACA
 GAAACCAGTTGTTTTTTTCTTACTGTCAAATGTAGCAACTGGTCTGATTAACCTGACGGTGATACATT
 ACACACTGGTGCCTTTGGACCTTAGCTGTGCTTAGTATTTATATGTTTGCCAACCTGCTTAGTTATATAT
 GTACTTGACTTACAAGGTAACCATAAAGTTCTGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_194461

Insert Size: 1509 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_194461.1](#), [NP_919443.1](#)

RefSeq Size: 1509 bp

RefSeq ORF: 1509 bp

Locus ID: 378774

UniProt ID: [Q7TSN4](#)

Cytogenetics: 10q26

Gene Summary: inositol acetyltransferase enzyme [RGD, Feb 2006]