

Product datasheet for **RN204681**

Pias2 (NM_053337) Rat Untagged Clone

Product data:

| | |
|---------------------------|--------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Pias2 (NM_053337) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Pias2 |
| Synonyms: | Miz1 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >RN204681 representing NM_053337
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGATTTTCGAGGAGTTGAGGAATATGGTTTCTAGTTTTAGGGTTTCTGAATTACAAGTGTACTGG
 GCTTTGCTGGACGGAATAAAAGTGGGCGCAAGCATGACCTCCTGATGAGGGCGTTGCATTTACTGAAGAG
 TGGCTGCAGCCCTGCGGTTCCAGATTAATAATTCGAGAATTATACAGACGCCGATACCCACGGACACTTGAA
 GGACTTTCTGATCTATCCACAATCAAATCTTCAGTTTTAGTTTGGATGGTAGCTCATCACCAGTAGAGC
 CTGACTTGGCCGTGGCTGGGATCCACTCGTTGCCCTTCTACTTCCATTGCACCTCATTACCAGTCTCTCC
 TGTGCTTCTGTGCTGCTCAAGACACTAAGCCCACGTTTGGATGCAGCAACCCTCTCTCCATTCTCT
 CCTGTCCATCCTGACGTGCAGTTAAAACGCTGCCCTTCTATGACGTCTTGATGTTCTCATCAAGCCCA
 CAAGTTTAGTTCAAAGCAGTATTCAGCGGTTTCAAGAGAAGTTTTTTATTTTTGCTTTGACACCCAGCA
 AGTTAGAGAGATATGCATTTCAAGGGATTTTTTGGCAGGTGGCAGGAGAGACTACACAGTCCAAGTCCAG
 CTGCGACTTTGCTTGGCAGAGACCAGTTGCCCTCAAGAAGATAACTATCCAATAGTTTGTGTATAAAAG
 TAAATGGGAAACTCTTTCTTTGCTGGCTATGCACCACCACCTAAAAATGGGATCGAACAGAAGCGTCC
 TGGACGCCCTGAAATATTACATCTTTAGTGAGATTGTCTTCAGCTGTGCCAAATCAGATTTCTATTTCT
 TGGGCATCTGAAATTGGAAAGAATTACTCCATGTCTGTGTATCTTGTACGACAGCTTACATCAGCCATGT
 TATTACAGAGATTAATAATGAAAGGATTAGAAATCCTGATCATTCAAAGCACTCATTAAAGAAAAACT
 TACTGCAGATCCTGATAGTGAATTTGCTACAAC TAGTCTCGAGTGTCTTGATGTGCCCTTTAGGAAAA
 ATGAGGCTGACAAATCCCGTCCCGCAGTGCAGTGTACACATGTCAGTGTCTTGATGCTGCCCTGTATC
 TTCAGATGAATGAGAAGAAGCCACCTGGATTTGCTCTGTTGTGACAAAAAGGCTGCCTATGAGAGTCT
 GATACTAGATGGGCTTTTTATGGAAATCTCAATGACTGTTCTGATGTGGATGAGATCAAATCCAGGAA
 GATGGTTCTGGTGCCCATGAGACCTAAGAAAGAAGCTATGAAAGTAACCGCCAGCCCTGTACAAAAAG
 TAGAAAGTTCAAGTGTCTTTAGTAAACCTGTTTCAGTACTGTAGCCAGTGTGCAAGCAAGAAGAAGAT
 TGATGTTATTGATCTAACAATAGAGAGCTTCTGATGAAGAGGAAGACCCTCCCGCCAAAAGGAAATGC
 ATCTTTATGTCAGAAACAAAAGCAGTCCAACCAAAGGGTTCTCATGTATCAGCCATCTTCTGTAAGGG
 TGCCAGTGTGACTTCAGTTGATCCTGCTGCTATTCCACCTTCATTAACAGACTACTCAGTACCATTCCA
 CCACACGCCAGTGTGAGCATGTCATCAGATTTGCCAGGAGAACAAGAAGAAATGATATTAATAACGAA
 GTGCGACTTGAACATCTTCTGATACTGTGCAACAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_053337
- Insert Size:** 1719 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_053337.1](#), [NP_445789.1](#)

RefSeq Size: 1858 bp

RefSeq ORF: 1719 bp

Locus ID: 83422

UniProt ID: [Q6AZ28](#)

Cytogenetics: 18q12.3

Gene Summary: testis-specific; mediates androgen receptor (AR)-dependent but not basal transcription [RGD, Feb 2006]