

## Product datasheet for **RN211751**

### **Pias1 (NM\_001106829) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pias1 (NM_001106829) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pias1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN211751 representing NM\_001106829  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGGACAGTGCAGAACTAAAGCAAATGGTTATGAGCCTTAGAGTTTCTGAACCTCAAGTACTGTTGG  
 GCTACGCTGGGAGAAACAAGCACGGACGCAAAACGAACTTCTTACAAAAGCCCTGCATTTGTTAAAGGC  
 TGGCTGTAGTCCCTGCTGTACAAATGAAAATTAAGAAGCTTACAGGCGCGGTTCCCTCAGAAAATTATG  
 ACACCTGCGGACTTGTCTATCCCAACGTACATCAAGTCCTATGCCAGCGACTCTTTCTCCATCCACCA  
 TTCCACAGCTCACTTACGATGGTCACCCTGCATCGTCCCATTACTCCCTGTTTCTTTCTGGGACCTAA  
 ACATGAACTGGAACCTCCACATCTCACATCAGCGCTGCACCCAGTCCATCCGGACATAAAGCTGCAAAA  
 CTACCATCTATGACCTGCTGGACGAAGTATCAAAACCCAGTCTAGCTTCAGACAACAGCCAGCGCT  
 TTCGGGAAACCTGTTTTGCATTTGCCTTGACACCACAACAGGTGCAGCAGATCGGCAGCTCCATGGATAT  
 TTCTGGGACCAAATGTGACTTCACAGTGCAGGTCCAATTAAGGTTTTGTTTATCAGAAACAGTTGTCCA  
 CAAGAAGATCACTTCCCACCAATCTTTGTGTAAGTGAATACAAAACCTTGCAGCCTTCCAGGTTACC  
 TTCCACCTACTAAAAATGGTGTGGAACCAAGCGACCTAGCCGACCAATTAATATCACCTCACTTGTCCG  
 ATTGTCCACGACAGTACCAATACCATTGTTGTTTCTTGGACTGCAGAAATGGAAGAACCTATTCCATG  
 GCAGTATATCTTGTAAAACAGTTGCTCTCAACAGTTCTTCTTCCAGAGTTACGAGCAAAGGGGATAAGGA  
 ATCCGGATCATTCTAGAGCTTTAATTAAGAGAAGTAACTGCAGATCCAGATAGTGAGATAGCTACTAC  
 CAGCCTACGGGTTTCGCTGCTGTGCCACTTGGGAAAATGCGACTGACAATCCATGTCCGGCAGCTTACC  
 TGTTCCCACCTCCAGTGTGTTGATGCAACTCTTATATTCAAATGAATGAGAAAAAGCCAACATGGGTTT  
 GTCCTGTGTGTGATAAGAAGGCCCATATGAACACCTCATTATTGATGGGTTGTTTATGGAATCCTAAA  
 GTACTGTACAGACTGTGACGAGATACAGTTTAAGGAGGATGGCTCGTGGGCTCCGATGAGGTCAAAAAAG  
 GAAGTGAAGAAGTCACTGCCTCTACAATGGGGTCGATGGATGCTTGAGCTCCACATTGGAGCATCAGG  
 TGGCTTCCACAACAGTCTTCAAATAAAAAACAAGAAAGTGGAGGTGATTGACCTAACCATTTGACAGTTC  
 ATCAGATGAAGAGGAGGAAGAACCCCTGCCAAGAGGACCTGTCTTCCCTGTCTCCTACGTCACCACTA  
 AGTAATAAAGGCATCTTAAGTCTTCCATCAAGCATCGCTGTGTCGCCACCCCAAGCCTTCTGCTG  
 TAGATAAAGCTACATCAACACCTCCCTCATCCAGGACTACAGACACCCTTCCACATGACGCCCATGCC  
 TTATGACTTACAAGGATTAGATTTCTTTCTTTCTTATCAGGAGACAATCAGCATTACAACACCTCCCTG  
 CTTGCCGACGCGCAGCTGCGGTCTCAGATGACCAGGACCTCCTGCACTCCTCCGATTTTTCCCGTATA  
 CCTCTCGCAGATGTTTCTCGATCAGCTAAGTGCAGGAGGAGCAGTCTCTGCCAGCCCAATGGGAG  
 CAGTAGTGGCAGCAACAGCAGCCTTGTGTCTTCAACAGTCTGAGGGAGAGCCATGGCCATGGTGTGGCC  
 AGCAGGAGCAGCGCAGACACGGCATCCATCTTTGGCATCATACCAGACATTATCTCGTTGGAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001106829

**Insert Size:** 1956 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\\_001106829.2](#), [NP\\_001100299.2](#)

**RefSeq Size:** 2206 bp

**RefSeq ORF:** 1956 bp

**Locus ID:** 300772

**Cytogenetics:** 8q24