

## Product datasheet for **RN206674**

### **Pias4 (NM\_001100757) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pias4 (NM_001100757) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pias4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN206674 representing NM\_001100757  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGGCAGAGCTGGTGGAGGCCAAAAACATGGTGATGAGCTTCCGAGTGTGACACCTGCAGATGCTGC  
 TGGGCTTTGTAGTTCGTAGCAAGAGCGGGCTGAAGCATGAGCTGGTGACCAGGGCCTTGACGCTGGTGCA  
 GTTTGACTGTAGCCCGGAGCTTTTCAAGAAGATCAAAGAGCTGTATGAGACTCGCTATGCCAAGAAGAGT  
 GCAGAGCCCGGCCACAGGCGCCACGGCCCTGGATCCCCTGGCACTACACTCCATGCCAGGACTCCCC  
 TGTGAGGACCCACCGTGGACTACCCCGTGTACGGGAAGTACTTGAATGGACTGGGGCGCCTGCCAC  
 CAAGGCCCTTAAGCCGGAGGTACGCTGGTAAAGCTGCCTTTCTCAACATGCTGGACGAGTTGCTGAAG  
 CCCACTGAGCTGGTCCCACAGAGTGTGAGAAGCTGCAAGAGAGCCCGTGCATCTTCGCGCTGACCCCTC  
 GGCAGGTGGAGATGATCCGCAACTCCAGGGAGCTGCAGCCTGGAGTAAAGCAGTGCAGGTGGTACTGAG  
 GATCTGTTACTCTGACACCAGCTGTCCACAGGAGGACCAGTATCCACCCAACATCGCTGTAAAAGTCAAC  
 CACAGCTACTGTTCAAGTCCCGGGCTACTATCCCTCCAACAAGCCTGGTGTGGAACCCAAGAGGCCCTGCC  
 GCCCATCAACCTTACCCACCTCATGTATCTGTCTCGGCCACCAACCGCATTACTGTTACCTGGGGCAA  
 CTATGGCAAGAGCTACTCTGTGGCTTTGTACCTGGTGGCAGAGCTGACCTCCTCAGACCTGCTACAGAGG  
 TTGAAGACGATTGGGGTGAAGCATCCTGAGCTCTGCAAGGCTCTGGTCAAGGAGAAGCTTCGCCTAGACC  
 CTGACAGCGAGATCGCTACTACCGGAGTGCAGTGTCCCTCATCTGCCCACTGGTGAAGATGCGGCTCTC  
 GGTGCCCTGCCGTGCAGAGACCTGGCAGACCTGCAGTGTCTTGTGAGTGGTTCCTACCTACAAATGAAT  
 GAGAAGAAGCCCACGTGGATGTGCCCTGTGTGACAAGCCCGCAGCTTATGACCAGTCCATCATAGATG  
 GGCTGTGTGCAAGATCCTGAGTGTGAGTGTGAGGACGACGATGAGATTGAGTTCCTGGCGAAGGTTTCATG  
 GCGCCCAATACGTGCAGAGAAGGAACCAAGCTGCAGCCACAGGGCCCATCCTGGTGTAGGCACCTCG  
 GACGCCAACGGGCTCGCACAGCCTCCAGCACCCCGGGCATGGGAAGTGGCTGAGTGGCCAGGCGGCG  
 CCGGCGCGGGGCGGGGCGCCGGTGGCTGGAGAACGGCAAGACAGGCGCAGACGTGGTGGACCTCAC  
 ACTGGACAGCTCGTCGTCTCAGAAAGTGAAGATGAGGACGAGGACGACGATGAGGACGATGACGAGGGC  
 CCGCGGCCGAGCGCCGCTGCCGTTCCAGAAGGGACTGGTGCCCGCTTGC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001100757

**Insert Size:** 1524 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\\_001100757.1](#), [NP\\_001094227.1](#)

**RefSeq Size:** 2431 bp

**RefSeq ORF:** 1524 bp

**Locus ID:** 362827

**Cytogenetics:** 7q11