

Product datasheet for **RN202737**

Pias3 (NM_031784) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pias3 (NM_031784) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pias3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202737 representing NM_031784
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGAGCTGGGCGAATTAAGCACATGGTGATGAGTTCCGGGTGTCTGAGCTCCAGGTGCTCCTTG
 GCTTCGCTGGCAGGAACAAGAGTGGGCGGAAGCACGAATTGCTGGCCAAGGCCCTGCACCTCCTCAAGTC
 TAGCTGCGCCCCAGCGTCCAGATGAAGATCAAAGAACTTTACCGCAGGCGCTTTCCCGGAAGACCCTG
 GGGCCTCCGATCTCTTTGCTCTCTTTGCCCTGGCACCTCTCCTGTAGGCTCCCCAGCCCCCTTG
 CTTCCATTCTCCACCCTCCTGACCCCTGGCACCTTGTGGCCCTAAGCGTGAGGTGGACATGCACCC
 TCCTCTGCCCCAGCCTGTGCACCCTGACGTACCATGAAACCACTGCCCTTCTACGAAGTCTACGGAGAG
 CTCATCCGGCCGACCACCCTTGCCTCCACCTCCAGTCCAGAGTTTGGAGGAGCCACTTTACCTTTGCAC
 TCACTCCCAGCAGCTGCAGCAGATTCTACATCCAGGGAGTTCTGCCAGGAGCCAAGTGCATTATAC
 CATAAAGTGCAGCTCAGTTCTGTCTGTGAGACCAGCTGCCCCAGGAGGACTATTTCCCCCTAAC
 CTCTTTGTCAAGGTTAATGGGAACTCTGCCCTTGCCTGGTTACCTCCCTCCAACCAAGATGGAGCTG
 AGCCCAAGAGGCCTAGTCGTCCAATCAACATCACACCCTGGCTCGTCTCTCAGCCACTGTTCCCAACAC
 CATAGTGGTTAACTGGTCATCTGAGTTTGGACGGAATTAATCCTTGTCTGTGACCTGGTGGAGCAGTTG
 ACTGCAGGGACCTGCTACAAAAGCTCAGAGCCAAGGGTATCCGGAATCCAGACCATTCCCGAGCACTGA
 TCAAGGAGAAATTGACTGCTGACCCGACAGTGAAGTGGTACTACAAGTCTCCGGGTGTCACTCATGTG
 CCCGCTGGGGAAGATGCGCTGACTGTCCATGCCGCGCTCTCACCTGTGCCACCTGCAGAGTTTCGAT
 GCTGCCCTTATCTACAGATGAATGAGAAAAAGCCAACATGGACGTGCCCTGTGTGTGACAAGAAGGCTC
 CCTATGAGTCACTGATTATTGATGGTTTATTCATGGAAATTCCTAATTCCTGTTCCGATTGTGATGAGAT
 CCAGTTTCAAGGATGGATCCTGGTGTCCAATGAAACCAAGAAGGAGGCATCCGAGGTTTCCCCCA
 CCAGGGTATGGGCTGGATGGTCTCCAGTATAGCCAGTCCAGGAGGAAATCAGTCAGAGAATAAGAAGA
 GGGTTGAAGTCATTGACTTGACAATCGAAAGCTCATCAGATGAGGAAGATCTGCCCCCAACAAGAAGCA
 CTGCCCTGTTACCTCGGCTGCCATTCCAGCCCTTCTGGAAGCAAGGAGCCCTGACCTCTGGTCAACAG
 CCGTCTTCGGTGTGCGGAGCCCTGCAATGGGTACTGGGCAGTGATTTCTGTCTAGTCTCCACTAC
 ATGAGTACCCACCTGCCTTCCCCTGGGGCTGACATCCAAGTTTAGATTTATTTCTTCTTCCCTCAGAC
 TGAGAGTCAGCACTACAGCCCTCAGTTATCACTTCACTAGATGAGCAGGACACCCTGGCCACTTCTTC
 CAATCCGGGGAACCCCTCCCCTTCTGGGCCACTGGCCCCACATTGGGGAGCTCTACCCGACGG
 CCACTCCAGCACCGCTCCTGGCCGTGTGAGCAGCATTGTGGCTCCTGGGAGTTCCTTGAGGGAAGGGCA
 TGGAGGACCCCTGCCTCCGGTCCCTTTGACTGGCTGTGCGGTGAGACGTCATTTCTTGGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_031784
- Insert Size:** 1887 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_031784.2](#), [NP_113972.2](#)

RefSeq Size: 2927 bp

RefSeq ORF: 1887 bp

Locus ID: 83614

UniProt ID: [O70260](#)

Cytogenetics: 2q34

Gene Summary: voltage-gated K⁺ channel binding protein; involved in modulating the expression of Kv2 channels [RGD, Feb 2006]