

Product datasheet for **RN201810**

Pnn (NM_001109023) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pnn (NM_001109023) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pnn
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201810 representing NM_001109023
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGTGCTGTGAGAGCTTTGCAGGAGCAGCTAGAAAAGGCCAAAGAGAGCCTCAAGAAATGTGGACG
 AGAATATCCGCAAGCTCACCGGGCGGGACCCGAATGATGTGAGGCCCATCCAAGCCAGATTGCTGGCCCT
 TTCTGGTCTGGTGGAGGTAGAGGACGAGGTAGTTTATTGCTAAGGCGTGGATTCTCAGATAGTGGAGGA
 GGACCCCAAGCAAAACAGAGAGACCTGGAAGGGGCAAGTCAAGTGGTGGAGAGCGTCGGACAAGAA
 GAGAATCACGCCAGGAAAGTGACCCAGAAGACGATGATGTTAAAAAGCCAGCACTGCAATCTTCTGTTGT
 AGCTACCTCCAAAGAACGCACACGTAGAGACCTTATCCAGGATCAAAACATGGATGAAAAGGGAAAGCAA
 AGGAACCGACGAATTTGGCTTGTGATGGGCACTCTCAGAAATTTAAACAAGAATCTACTGTTGCTA
 CTGAACGGCAAAAGAGACGCCAAGAAATGAACAAAAACTTGAAGTTCAGGCTGAAGAAGAGAGAAAAGCA
 GGTGAAAATGAGAGGAGAGAAGTGTGGAGGAGACGCTGCTAACAGACAGAAGTGGCGCTTCTGGAA
 CAGAAGGTTGAGCTTGCACAGCTGCAAGAAGAATGGAATGAGCATAATGCCAAGATAATTAAGTATATAA
 GAACCAAGACAAAAGCCCATTTGTTCTATATTCCTGGAAGAATGTGTCCAGCTACCCAAAAGCTAATAGA
 AGAGTCACAGAGAAAAATGAATGCTTTATTTGAAGGTAGACGCATCGAATTTGCAGAACAAATAAATAAA
 ATGGAGGCTAGGCCTAGAAGACAATCAATGAAGGAAAAAGAGCATCAGGTGGTGCCTAATGAAGAACAGA
 AGGCGGAACAAGAAGAGGGTAAGGTGGCTCAGCGAGAGGAAGAGTTGGAGGAGACAGGTAATCAGCACAA
 TGACGTAGAAAATAGAGGAGGCAGGAGAGGAAGAGAAGGAAGCAGGTGTAGTTCATAGTATGACAGAGAAG
 GACCAGGAGGAGGAGGAACAAGCAGGAGAGCGGAGGCTAGGATGGAGGAGGAGACTGGGTAAAGAGAAG
 GTGAGAAGCAGCAGGATAGTCAGCCAGAAGAAGTTATGGATGTGTTAGAGATGGTTGAAAGTGTCAAAAA
 TGTGATTGCTGAGCAGGAGGTGATGGAGACTAATCAAGTTGAAAGTATAGAACCTTCAGAAAATGAAACT
 AGCAAGGAATTGGAGCCAGAGATGGAATTTGATGTTGAGCCAGATAAAGAATGTAATCTCTTTCTCCTG
 GAAAAGAGAATATTAATTCTCTGGAAGTGGAAAAGGAGTCTGAGGAAAAAGGAAAAAGAAGATAAAGA
 GCCTGAGCCCAACCTGAGCCTGTGGCTCAGCCTCAGCCCCACCTCAGCCCTGCCCCAGAGCCAGCCC
 CATTCTCAGCCCCATTCTCAGCCCCATTCTCAGCCCCAACCTGCACTCCAGTCCCAGCCTCTCAGTCAGC
 CTGAGGCTTTGCCATTGGCTGTTCTGCAGCCTCCACCCAGGTTATTCAGGAGCAAGGGAATCTACCTCC
 TGAGCGGAAGGATTTTCTGTAGAGGCTATAAACTCCCTGAGGTGCCTGTAGAGCCAGTCTTGACAGTG
 CATTTCAGAAAACAAAAGCAAAAATAAGACTAGGAGCAGAAGCAGAGGGCGAGCAAGAAATAAAACGAGCA
 AGAGTAGAAGTCCAGCAGCAGCAGCAGTATGTTCCAGTAGCAGCTCTACTAGTAGCAGCAGTGGGAGCAG
 CTCCAGCAGTGGCAGCAGTAGTAGTGAAGCAGCTCCAGCAGCAGCTCCAGCACAAGTGGGAGCAGCAGC
 AGAGACAGCAGCAGCAGCAGTAGCAGTAGCAGTAGAGTAGGAGTGCAGTAGGGGCCGAGGACATAACC
 GAGATAGGAAGCAGAAAGGAGCGTGGACCGGAAGCGAAGGGACACTTCAGGACTAGAAAGAAGTCAAA
 GTCTTCAAAGGTGGTAGTAGTAGATACGAAAGGATCAAAGGATAAGAATCCCGATCTGACAGAAAA
 AGGTCTATATCAGAGAGTAGTCGATCAGGCAAAAGATCTTCAAGAAGTGAAGAGACCGAAAATCAGACA
 GGAAAGACAAAAGCGT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001109023

Insert Size: 2190 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:	<ol style="list-style-type: none">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:	<u>NM_001109023.1, NP_001102493.1</u>
RefSeq Size:	2821 bp
RefSeq ORF:	2190 bp
Locus ID:	368070
Cytogenetics:	6q23