

Product datasheet for **MC211328**

Pinx1 (NM_028228) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pinx1 (NM_028228) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pinx1
Synonyms: 67-11-3; 2210403116Rik; 2610028A01Rik; AU024023; LPTS; LPTS1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211328 representing NM_028228
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTGCGATGCTAGCAGAGCGGCGGGAAGCAGAAATGGACTGTGGATCCCAGAAACACCGCGTGGAGTA
ACGATGATTCCAAGTTTGGCCAGAAGATGCTTGAGAAGATGGGGTGTCTAAAGGAAAGGGTTTGGGAGC
TCAGGAGCAAGGAGCCACAGAACATATTAAGTTAAAGTTAAAAATAACCACTGGGACTTGGAGCTACA
AACAAATGAAGACAACCTGGATTGCTCACCAGGATGACTTCAACCAGCTTTTGGCAGCACTCAACACTT
GCCACGGTCAGGAAACAGCAGATTCCTCAGACAAAAGGAAAAGAAATCTTTAGCCTTGAAGAAAAATC
CAAAATCTCAAAAACCGGGTTCATTATATGAAATTCACAAAAGGGAAGGATCTGTCTCTCGGAGTGAA
ACCGACCTGGACTGCATTTTGGAAAAAGGAGGAACAAGAAGCTTGCTCAGGATGGCTGCAGCACTCCT
CTGCGGATGAGGTGAACACCTCCCTGACCACAACCAGCACCACCTAGTGCCTTACCATCCAGGAATA
TTTTGCCAAGAGAATGGCCCAATTAAGAACAAGCCACAAGCCTCAGCTCCAGGGTCTGACCTTTCAGAG
ACCCCTGTTGAAAGGAAAAAGGAAAGAAAAAACAAGAGGCAGCAGACAGATGTAGAGAACTCTC
CCCAACACAAGGCCAAGAGGCATAAAAAGAAAAAGCGTGTGGAAGCAGAGAGGGGCCCTGTGGCCAAGAA
GAGAGACCGAGCAGAGCTGCAGCCTGGAGCCCAAGTGAGGACGAGTGTCCGATGCCTCTGTCGAAGCT
GCAGAAGATTGTGTACAAACACCAGACATCCAGGATGATGTCCAAAGCCCAAGAAGAGGAAAGCAAAGA
AAAAGCTGCAAAGGCCAGAAGGAGTAGAAATAGACGCCCACTAGACAGAGCACCAGTAAAAAGAAAGAA
GAAGAAAGTTTCCAGAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_028228



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Insert Size:	999 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:	NM_028228.3 , NP_082504.1
RefSeq Size:	1351 bp
RefSeq ORF:	999 bp
Locus ID:	72400
UniProt ID:	Q9CZX5
Cytogenetics:	14 D1
Gene Summary:	Microtubule-binding protein essential for faithful chromosome segregation. Mediates TRF1 and TERT accumulation in nucleolus and enhances TRF1 binding to telomeres. Inhibits telomerase activity. May inhibit cell proliferation and act as tumor suppressor (By similarity). [UniProtKB/Swiss-Prot Function]