

Product datasheet for **SC323804**

PINX1 (NM_017884) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: PINX1 (NM_017884) Human Untagged Clone
Tag: Tag Free
Symbol: PINX1
Synonyms: Gno1; LPTL; LPTS; Pxr1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_017884.3
CGCACGTCCTGATTCTCCTGGAGTCTCCAGCCCCAGTGGCCGAGTCACCCAGGTCC
AGAGCGCGGTATCACAGGCTCCGACATGTCTATGCTGGCTGAACGTCGGCGGAAGC
AGAAGTGGGCTGTGGATCCTCAGAACACTGCCTGGAGTAATGACGATTCCAAGTTTGCC
AGCGGATGCTAGAGAAGATGGGGTGGTCTAAAGGAAAGGGTTTAGGGGCTCAGGAGCAG
GAGCCACAGATCATATTAAGTTCAAGTAAAAATAACCACCTGGGACTCGGAGTACCA
TCAATAATGAAGACAAGTGGATTGCCATCAGGATGATTTAACCAGCTTCTGGCCGAAC
TGAACACTTGCCATGGGCAGGAAACCACAGATTCTCGGACAAGAAGGAAAGAAATCTT
TTAGCCTTGAGGAAAAGTCCAAAATCTCCAAAACCGTGTCACTATATGAAATTCACAA
AAGGGAAGGATCTGTCATCTCGGAGCAAAACAGATCTTGACTGCATTTTTGGGAAAAGAC
AGAGTAAGAAGACTCCCAGGGGATGCCAGTCCCTCCACTCCAGAGGAGAACGAAACCA
CGACAACCAGCGCTTACCATCCAGGAGTACTTTGCCAAGCGGATGGCAGCACTGAAGA
ACAAGCCCCAGGTTCCAGTTCAGGGTCTGACATTTCTGAGACGCAGGTGGAACGTA
GGGGGAAGAAAATAAATAAGAGGCCACAGGTAAGATGTGGAAGTTACCTCCAGCCTA
AGGCCAAGAGGCACACGGAGGGAAGCCCGAGAGGGCCGAGGCCAGGAGCGAGTGGCCA
AGAAGAAGAGCGGCCAGCAGAAGAGCAGCTCAGAGGCCCTGCTGGGACCAGAGTTCCA
AGGCTCTGCTCAGGATGCAGGGGACCATGTGCAGCCGCTGAGGGCCGGGACTTCAACC
TGAAGCCCCAAAAGAGGAGAGGGAAGAAAAGCTGCAAAAACAGTAGAGATAGCAGAGG
ACGCTACACTAGAAGAAACGCTAGTGAAAAAGAAGAAGAAAGATTCCAAATGAATCC
TTCCCAGCCGGGCCTTCCGACCACTCAGCTGTCAGGGCACTGCGGGGGCAGACACTCT
GGCCTGAAGTACAGCAGAGTTACCCCCAGAGCGCTGGGCGCATCTTGTGGCATGCCCA
TGGGCTGCCGAGTCTGCCCTCTCGCCACATTTCCCCAAGTTACATTCCAGGAGGACC
TTTTTAATGTTCTCAATCGTGGCTCTCAGACACAAATAAATTTTTTTGTAAACTCTGAA
AAAAAAAAAAAA

Restriction Sites: ECoRI-NOT



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ACCN:	NM_017884
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_017884.3</u> , <u>NP_060354.3</u>
RefSeq Size:	1577 bp
RefSeq ORF:	987 bp
Locus ID:	54984
UniProt ID:	<u>Q96BK5</u>
Cytogenetics:	8p23.1
Gene Summary:	<p>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.</p> <p>[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>