

## Product datasheet for **RN209959**

### **P3h3 (NM\_001106620) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	P3h3 (NM_001106620) Rat Untagged Clone
Tag:	Tag Free
Symbol:	P3h3
Synonyms:	Leprel2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN209959 representing NM\_001106620  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATCGCGGAAGACATGGCTAAGTATAGGAGAATGTCTGCAATACGACCCAGAGTTCCAGGACCTGGTGA  
CGCCCTGTATTGGGACGCTTATGACACTGGCCTGGAGCTACTGAAGCAACAGGAAGCAGCTTTGGCTCT  
ACCCAAACTAGAGGAGGCCCTCCAGGGAGCCTGGCCAGATGGAGAGCTGTCGTGCTGGCTGTGAGGGA  
CCTGAGGAGCACCAAGGGGCTGAAGAAGAGGAGGAGAAAGGGACCCAGGGGGGCTGTATGAAGCCATTG  
CAGGACACTGGATTCCGGTTCTGCAGTGCCGGCAGCACTGTGTAGCAGAGACAGCCACACGTCCTGGTGC  
CAGCTTCCTGTCGGGACTTCCCTCCAAGCCAGCTGAGACGGCTGCACGAGGCCATGCTCAGGTGGGG  
AATGTGTCTCAGGCCGTGAAAAATGCTCTGAGCGTCTGCTCTTCTATCCAGAGGATGAGGCTGCCAAA  
GGGCTCTGAACCACTACAAACTCAGCTGGGAGAGCTGAGACCTGACCTGGGACCAGAGAGGACGTCCA  
GCGTTTATCCTTCGCTCCCTCGGGGAGAAGAGACAGCTATATTACGCCATGGAGCATCTGGGCACCAGC  
TTCAAGGACCCGGATTCTTGACCCAGAGGCTTTCATCCCTAAAGCACTGAGAGAGAAGCTCAGAGAGG  
ATCAAGAGAAGAAGCCCTGGGACAGTGAGCCGCCACAGCAGAAGCCCGACTTACTGGAAGGATGCCCT  
TCTCCTGGAGGTGTGACTCTCACCCAGGATGCCAGCAGCTGAATGGATCCGAGCGGGCTGTGTTAGAT  
GGGCTGCTAACTCCAGCCGAGTGTGGGCTTCTACTGCAGCTGGCCAAGGATGCAGCTGAGGCTGGAGCCA  
GGTCAGGCTACCGTGGGCGCCGCTCCCTCATAGTCTCACGAACGGTTTGAGGGACTCACGGTGTCAA  
GGCTGCTCAGTGGCCCGGGCTGGGACGGTGGGCAGGCCAGGCGCTAAGCTGCTTCTGGAGGTGAGTGAG  
CGAGTACGCACCTTGACCCAGGCCTACTTCTCCCGAACGGCCACTGCATCTTTCTTTACGCACCTGG  
TGTGTAGAAGTGCCATAGAAGGTGAGCAAGAAGCAGCGTATGGACCTGAGTCAACCGGTTCCAGCAGACAA  
CTGCTTCCCTGGACCTGACACCGGGGAATGCTGGCGGGAGCCCGCAGCCTACACCTATCGAGACTATAGT  
GGACTCTCTACCTCAATGATGACTTCAAGGGAGGCGACCTGTTCTTACGCAGCCCAACGCCCTCACTG  
TCACGGCTCAGTCCGTCTCGATGTGGACGCTCGTGGCCTTACAGTCTGGGGGTGAGAATCCCCATGG  
CGTATGGGCTGTGACTCGGGGACGGCGTTGTGCCCTAGCTCTGTGGCACACCTGGGCACCTGAGCACAGG  
GAGCAGGAGTGGACAGAAGCCAAAGAGCTGTTGCGGGAGGAAGAGGAGGAGGAAGAGGAAAATGAGGAAG  
AGGAAGAAATCTGAGTAGAGACCCTTCCCGAACCCTCAAGTACAAGCTTACGCGGGTCCAAGACAA  
AGCCGGGAAACCCTCCGGTCCGAGAGGAAGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001106620

**Insert Size:** 1647 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\\_001106620.2](#), [NP\\_001100090.2](#)

**RefSeq Size:** 2049 bp

**RefSeq ORF:** 1647 bp

**Locus ID:** 297595

**Cytogenetics:** 4q42