

Product datasheet for **RN213004**

P3h4 (NM_021581) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	P3h4 (NM_021581) Rat Untagged Clone
Tag:	Tag Free
Symbol:	P3h4
Synonyms:	Leprel4; Sc65
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN213004 representing NM_021581
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCTCGCGCGCGTGGGGCTGCTGTGGCTGCTGTGGGTAGCGCCGCGCGCAGTATGAGAAGTACA
 GCTTCCGAGGATTCCCCCGGAGGACCTGATGCCCTCTGGCCACGGCCTACGGCCACGCTCTGGAGCAGTA
 TGAAGGGGAGAGCTGGCGGAGAGCGCGCTACCTGGAGGCGCGCTGCGGCTGCATCGGCTGCTGCGC
 GACAGTGAGGCCCTTCTGCCACGCCAACTGCAGCGGCCCGCCACCTCGCAGCCCCGGCCGCTCCCGGCC
 CCGACGGCGACAACGAGGGTGTGGCGAGGATTGGGCGCGCGAGCTGCGGCTCTTCGGCCACGTCTGGA
 GCGTGCCGCTGTTTGGGCGCTGCAAGCGGACTCTGCCCGCTTCCAAGTCCCCACCCGTGCGGCGAG
 CTACTGCGGACTTCCAGAACCCTGCCCTACAGTACCTGCACTACGCGCACTTCAAGGCGAACCGAC
 TAGAGAAGGCGGTGGCTGCAGCCTACACCTTCTCCAGAGGAACCCCAAGCACGAGCTGACCGCCAAGTA
 TCTCAACTACTACAGGGGAATGTGGATATCGGAGATGAGTCCCTCACTGATCTGGAGGCCAGCCCTAC
 GAGGCTGTGTTCTTCAGGCTGTGAAGCTCTACAACAGCGGGGACTTTCGAGCAGCACAGAACACATGG
 AGCGGGCCTTGGCTGATTATATGACCGTCTTGTCTCGGTGTCTAGCTGGCTGTGAAGGGGCCACGAGCA
 GGTAAGCTTCAAGGACTTCTACCCAGCCATAGCAGATCTCTTGCAGAATCCCTGCAGTGAAGGTGGAT
 TGTGAAGCCAATCTACCCCCAAGTAGGTGGCTTCTTGTGGACAAGTTCGTGGCCACCATGTATCACT
 ACCTGCAGTTTGCTACTACAAATTGAACGATGTGCACCAAGGCTGCCCGCAGCGCTGCTAGCTACATGCT
 CTTTGACCCCAAGGACAGTGTATGCAGCAGAACCTGGTATATTACCGCTTCCACCGGGCTCGTGGGGC
 CTTGAAGAGGAGGACTTCCAGCCCCGGGAGGAAGCTGTGCTTACCACAACCAGACCTCTGAAGTTCGGG
 AGTTGCTAGACTTCACACACATGTACCTTCAGTCAGATGATGAGATGGAAGTGGAGGAGACGGAATCACT
 TCCGGAGCCTGAAAAACCTCTGTCTGATGCCGAGTTCGAAGGCGAGGGCGACTATGAGGAGGCCCTCTAT
 GCGGACTGGTGGCAGGAGCCGGATGCCAAGGTGATGAGGATGAGGCTGAGCCAGAGCCTGAAGTGGCCT
 AA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_021581

Insert Size: 1332 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_021581.2](#), [NP_067592.2](#)
RefSeq Size: 2440 bp
RefSeq ORF: 1332 bp
Locus ID: 59101
UniProt ID: [Q64375](#)
Cytogenetics: 10q31
Gene Summary: synaptonemal complex protein isolated from testis [RGD, Feb 2006]