

## Product datasheet for **RN203930**

### Phf21b (NM\_001130680) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Phf21b (NM_001130680) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Phf21b
Synonyms:	RGD1308739
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN203930 representing NM\_001130680  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGAGCTGCAAAGCCGGTCCGAGGCGCTCGCAGTGGAACTCGCGGCCACCAGAACGGCGACCTCAAGA  
 AGCAGCTCCACGAAAGGCAGCCACGGATCGCAGCGCTCAGCGACAAACAAGCTTTGGGATCCTCCACTGC  
 AGTGCCTGTACAGGTCCTCAGGTCAGCTCCCTGCAGAGTTGGCCGGCAAGGAGCAGCAGTGCTACCT  
 CAGGTTAGGCCAAAGACTCTGATTCCAGACAGCCTCCCTGTACCCCGGGCAGGGACCGGCCACCCAAGC  
 AACCCCAACATTCCAAAAGGCCACTGTGGTCAGCATCAAGAACCCAGCCAGCCCTCCCCTGCCAA  
 CAACACCGTCAACCATGTGCAACACCCAGCAGCCAGACCCAGGCCCTCACCGAGCCACCGCCATACC  
 TCACCCCTGAGCAGTGCCGGGTGGCCTATGCCATCATCTCCACCTCCCCAGCAATGCTGCCACCATCA  
 CCCCAGTACCACGTGCCGTGGCCAGCGACGGCATCAAAGTGCAGCCCCTCCTCATCAGTGCTGACAA  
 AAAGTGCATCATATTACGCCCCAAGTGAAGACACAGCCAGAGAGTTCAGCAGAGCCCGAGCCACCACG  
 GAGGAGCCATCTCAGGGAGCTCAGGACACCAAGGAAGATCAGCCCCCAGCAAGGAGAATCTGAGAAAA  
 TCGCCTTCATGGTAGCTTAGGCCTGGTCAACAAGAATCTAGAAGAGATCCAGAGCAAGCGGAGGA  
 GAGGAAGAGGAGGAGCACGGCAACCCTGCCTATAGCGGCTTCTTGGAGACCGAGAGGAAGCGACTGGCC  
 TCCAGTTATCTCCACAACCCCTTGTTCCTCACAGCACGAGCCAATGAGGACCCCTGCTGGAAGGGTGAAA  
 TCACCCATGATGAATTCTGTGCTGCCTGCAAGCGAGGAGCCAGCCTGCAGCCCTGCGGCACCTGTTACGG  
 GGCCTACCACCTCAGTGCCTGGACCCGCCCTTAAGACGGCACCAAGGGCGTGTGGGTCTGCCCAAG  
 TGCCAGCGGAAGGCCTTAAAGAAAGACGAGGGTGTGCCCTGGACTGGAATGCTGGCCATTGTACTCCT  
 ATGTCAACCCACAAGACAGTGAAGAAGAGGAGAAGCAGAAGCTGTTGCAGCGTGGCAGCGAACTGCAGTC  
 TGAACACCAGCAGCTGGAGGAGCGGGACCGGCAGCTGGCCTCAGCTGTGAAGAAATGCTTGGAGCTGAAG  
 ACAAGCCTGTTGGCCCGCAACGGGGTACACAGTCATCGCTGGACCGCATCCGAGCCCTCCTCAGACTGA  
 TCCAGGGTGAAGCAGATGCTTACGGTGTGGCAACACCAGCCCAACCCCGCTTCTGGCGGGGCGCTG  
 GACCAAGCCTTCCACCACCACCACCACCACCACCACCACCACCACCATGCGCACTTCCCTCCAGCACCCC  
 CAGAACCACA**ACTGA**

**ACGGT**ACGGCGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001130680

**Insert Size:** 1485 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\\_001130680.1](#), [NP\\_001124152.1](#)

**RefSeq Size:** 2022 bp

**RefSeq ORF:** 1485 bp

**Locus ID:** 300117

**Cytogenetics:** 7q34