

## Product datasheet for **MC216910**

### Phf21b (NM\_001081166) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Phf21b (NM_001081166) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Phf21b
Synonyms:	A730032D07Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216910 representing NM\_001081166  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGAGCTGCAAAGCCGGTCCGAGGCGCTCGCGGTGGAACCTCGCGGCCACCAGAACGGCGACTCAAGA  
 AGCAGCTCCAGAAAGGCAGCCACGGATCGCAGCGCTCAGCGACAAACAAGCTTTGGGATCCACCACTGC  
 AGTGCCTGTCACAGGTCCTCAGGTCAGCTCCCTGCAGAGTTGGCTGGGCAAGGAGCAGCAGTGCTACCT  
 CAGGTTAGGCCAAAGACTCTGATTCCAGACAGCCTCCCTGTACCCCGGGCAGGGACCGGCCACCCAAGC  
 AACCCCAACATTCCAAAAGGCCACTGTGGTCAGCATCAAGAACCCAGCCAGCCCTCCCCTGCCAA  
 CAACACCGTCAACCATGTGCAACACCCAGCAGCCAGACCCAGGCCCTCACCGAGCCACCGCCATCAC  
 TCACCCCTGAGCAGTGCCGGGTGGCCTATGCCATCATCTCCACCTCCCCAGCAATGCTGCCACCATCA  
 CCCCAGCACCCTGTGCCGTGGCCAGCGACGGCATCAAAGTGCAGCCCCTCCTCATCAGTGCTGACAA  
 AAAGTTATCATATTCAGCCACAAGTGAAGACACAGCCAGAGAGTTCAGCAGAGCCCGAGCCACCACG  
 GAGGAGCCATCTAGGGAGCTCAGGCCACCAAGGAAGATCAGCCCCCAGCAAGGAGAATCCTGAGAAAA  
 TCGCCTTCATGGTAGCTCTAGGCCTGGTCAACGGAACACCTAGAAGAGATCCAGAGCAAGCGGAGGA  
 GCGGAAGCGGAGGAGCACAGCAACCCCTGCCTATAGCGGCTTCTTGGAGACCGAGAGGAAGCGGCTGGCC  
 TCCAGTTATCTCCACAACCCCTTGTTCCTCACAGCAGGCAATGAGGACCCCTGCTGGAAGGGTGAAA  
 TCACCCATGATGAATTCTGTGCTGCCTGCAAGCGAGGAGCCAGCCTGCAACCCCTGCGGCACCTGTTGAG  
 GGCTACCACCTCAGTGCCTGGACCGCCCTTAAGACGCCACCAAGGGCCTGTGGGTCTGCCCAAG  
 TGCCAGCGGAAGCCCTTAAGAAAAGATGAGGGTGTGCCCTGGACTGGGATGCTGGCCATTGTACATTCT  
 ATGTCACCCACAAGACAGTGAAGAAGAGGAGAAGCAGAAATTTGTCAGCGTGGCAGTGAAGTGCAGTC  
 TGAGCACCAGCAGCTAGAGGAGCGGGACCGGCAGCTGGCCTCAGCTGTGAAGAAATGCTTGGAGCTGAAG  
 ACAAGCCTCCTGGCCGCAACGGGGCACACAGTCATCGCTGGACCGCATCCGGGCCCTCCTCAGACTGA  
 TCCAGGGTGAAGCAGATGCTTCAAGTTCGCTATGGCAACCACCGCCACCCCACTTCTGGCCGGGCCCTG  
 GACCAAGCCTTCCACCACCACCACATGCGCACTACCCTCCAGCACCCCAAGATCAACA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001081166
- Insert Size:** 1464 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\\_001081166.2](#), [NP\\_001074635.2](#)  
RefSeq Size: 3755 bp  
RefSeq ORF: 1464 bp  
Locus ID: 271305  
UniProt ID: [Q8C966](#)  
Cytogenetics: 15 E2