

## Product datasheet for MC224951

### Phip (NM\_001081216) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Phip (NM\_001081216) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Phip  
**Synonyms:** 2810004D21Rik; 4632404O06Rik; Ndrp; Wdr11  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC224951 representing NM\_001081216  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCTCGTGAGAGGAAAGGCCTCTCGGAGCTGCGATCGGAGCTCTACTTCTCATCGCCGGTTCTGG  
 AAGATGGACCCTGTCAGCAGGCGGCTCAGGTGCTGATCCGCGAAGTGCCGAGAAGGAGCTGCTGCCCG  
 GCGCACCGACTGGACCGGAAGGAGCACCCAGGACCTACCAGAATCTGGTGAAGTATTATAGACACCTT  
 GCACCTGATCACTTGCTGCAAAATATGTCATCGGCTAGGACCTCTTCTTGAGCAAGAAATTCCTCAGAGT  
 TTCTGGAGTACAGACTTTACTAGGAGCTGGAAGACAGTCCTTGCTACGAACAAATAAAAGCTGCAAGCA  
 TGTGGTATGAAAAGGATCTGCCCTGGCTGCACTGCACTGTGGGAGGCCGAGAGTCTCCAGTAACTAC  
 GGTAGCCACCTAGCATTGCGGATACTCTGTTTTCAAGGAAGCTGAATGGGAAATACAGACTTGAACGAC  
 TTGTTCCAACGACAGTTTATCAGCACATGAAGATGCATAAGCGAATTCCTGGACACTTATCATCGGTGTA  
 CTGTGTAACCTTTGATCGAACTGGCAGGCGGATATTTACTGGTTCTGATGATTGTCTTGAAAACTGG  
 GCCACAGACGATGGAAGATTGCTAGCTACTTTAAGAGGACATGCTGCTGAAATATCAGACATGGCTGTA  
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 TGCACCTTTGGCTGTTCTTCAGGGACATAGTGCATCTATTACATCACTACAGTTCTCACCATTGTGCACT  
 GGCTCAAAGAGATACCTGTCTTCTACAGGGCGGACGGCACTATTTGCTTTTGGCTTTGGGATGCTGGAA  
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 GTGATAGTGTGGGATCTAGCAAGAGGAGTCAAAGTTTCGATCTTATTTCAATATGATTGAAGGACAAGGAC



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ATGGTGCAGTGTGGACTGCAAATGCTCCCTGATGGTCAGCACTTTGCATGTACAGACTCTCATGGACA  
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TCATGCCTCCCCCTTTCTGGTTGATGTTGATGGAATCTCATCCATCAAGGTACCAGCGATTGGTTCC  
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AAGGTTACGCAACAGAGCTCAGTCTTACGATATTCAGGCATGGAAGAAACAATGTCAAGAATTAAGTAA  
CTCATATTTCAATGTGAAGACTCAGAACCTTTTCGACAGCCAGTGGATCTTCTTGAATATCCAGACTACA  
GAGACATCATTGACACTCCAATGGACTTGGCCACTGTTAGAGAGACTTTAGAGGCTGGGAATTAAGATC  
ACCCATGGAGTTATGTAAGATGTGAGGCTCATTTTCAGTAATTTCAAAGCATACACACCAAGCAAGAGA  
TCAAGGATTTACAGCATGAGTTTACGCTGTCTGCTTTTGAAGAACATATTAGTTCAGTCTTGTGTCAG  
ATTATAAATCTGCTCTTCGTTTTTCATAAAAAGAAACACCATAAAGCAAGAAGAGGAAGAAGCAAGGAG  
CAGTTCCTGTCCAGCAGTGTGCTCAAGCCCTGAAAGGAAAAAAGGATCTTAAAACCCAGCTAAAG  
TCAGAAGTATCTACCTCTCCATTCTCCATACCTACAAGATCAGTACTACCAAGACATAATGCTGCGCAAA  
TGAATGGTAAACCAGAATCCAGTCTGTGGTTCGAACTAGGAGCAACCGTGTAGCTGTAGATCCAGTTGT  
CACCGAGCAGCCCTCTACATCATCAGCCACAAAAGCTTTTGTTCAAAACTAATACATCTGCCATGCCA  
GGAAAAGCAATGCTAGAGAATTCTGTGAGACATTCCAAAGCCTTGAGCAGACTTTCCAGCCCTGATCCGC  
TCACATTCAGCCATGCTACAAAGAATAATTCTGCAAAAAGAAAACATGGAAAAGGAAAAGCCTGTCAAACG  
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TCGTGAAGAGAGGACCTGGGAGGAAGCCAAAGGTAGAAGTTAACACCAGCAGTGGTGAAGTGACACACAA  
GAAAAGAGGTAGAAAAGCCCAAGAATCTGCAAGTGTGCAAGCAGGAAAACCTCTGAGCAAAAATAACATGCAT  
CCCATCAGGGCTGACGTGCTTCTTCTTCAACATGCAACTTCTTCTGAAAATAATGCTGTCAAGGAGG  
ATTTGTTACAGAAAAGAGTCGTGGAGGCGAAAAACCAAGGAAGTGAAGTCAACCTAGATTC

AGAACTCATAGTTCCTACAAATGTTAAAGTGTTAAGGAGAAGTAACCGGAAAAAACAGATGATCCTATA  
GATGAGGAAGAGGAGTTTGAAGAACTCAAAGGCTCTGAGCCTCACATGAGAACTAGAAATCAGGGTCGAA  
GGACAGCTTTCTATAATGAGGATGACTCGGAGGAAGAACAGAGACAGCTGTTGTTTCGAGGACACCTCCTT  
GACATTTGGAAGCTTAGTAGAGGACGAGTCCGAAAGTTGACTGAAAAAGCAAAGGCTAATTTAATTGGT  
TGGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001081216

**Insert Size:** 5466 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\_001081216.1, NP\_001074685.1

**RefSeq Size:** 10729 bp

**RefSeq ORF:** 5466 bp

**Locus ID:** 83946

**Cytogenetics:** 9 E2