

Product datasheet for **RN214251**

Phf2 (NM_001107342) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Phf2 (NM_001107342) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Phf2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN214251 representing NM_001107342

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGAGCATGGCTTACCGAGCCCATCCTGTCCCAAGAAAGATGGCTGGGCTTGGCTGTCCCTG
CCCAACATTCTACGTGAGTGACGTGGAGAATATGTGGGGCCAGAGAGGAGTGTGGACGTGACAGACGT
TACCAAGCAGAAAAGACTGCAAAAATGAAGCTGAAAAGAAATTCGTGGACTATTACTACAGCACCAACCGCAAA
CGTGTCTCAATGTGACCAACCTCGAGTCTCAGACACCAGAATGTCCAGCTTTGTGGAGCCACCTGACA
TTGTGAAGAACTATCGTGGTGGAAAACACTGGCCCGATGACGCGCTGCTGGCCAAGCCCAAGGTGAC
CAAGTACTGCCTGATCTGTGTGAAGGACAGCTACACCGACTTCCACATTGATTCTGGAGGTGCCTCAGCC
TGGTACCACGTTCTCAAGGGGAGAAGATCTTCTATCTCATCCGGCCGGCCTCAGCCAACCTCTCCCTAT
ATGAATGTGGCGGTGAGCTTCCAAACCACAGCGAGATGTTCTTTGCTGACCAGGTGGACAAGTGCTATAA
GTGCACTGTCAAGCAGGGCCAGACCCTTTCATCCCCTCAGGCTGGATATACGCTACGCTCACCCCTGTG
GACTGCCTGGCCTTCGCTGGACATTTTCTTACAGCCTCAGTGTGGAGATGCAGATGAGGGCATACGAGG
TGGAAAGAAGGTTAAAAC TAGGCAGCCTGACTCAATTTCCAAC TTTGAAACTGCCTGCTGGTACATGGG
GAAGCATCTATTGGAAGCATTCAAAGGTTCTCACAAGTCTGGGAAACAGCTGCCCCACACTTAGTTCAA
GGAGCTAAGATTCTCAATGGTGTCTTTAGGTGATGGACGAAGAAGCAGGCTTTGGCAGAGCACGAGGACG
AGCTCCCGGAGCACTTCAGGCCCTCACAGCTCATCAAGGACCTGGCCAAGAGATCAGGCTCAGCGAGAA
TGCTCCAAAACGTCCGACCTGAAGTAAATGCTGTGCGCTCCTCAGATGAGGTCTGTGACGGGGACCGG
GAGAAGGAGGAACCGCCATCTCCATTGAGTCTACCCACCTCGATCCCTCTGGAGAAAGTGTCCAAAA
AAAAGACTTCCAAGACTGTGAAGATGCCAAGCCATCCAAAACCCCAAGCCCCCAAGCCCCCAAGCC
CCCCAAAACCTGAAACTCAAGGACGGAAGCAAGAAGAAAGGGAAGAAAGTGCAAAAGAGTCCGCCTCTCC
ACCATCCCAACTTGGACCTGCTTGAGGCCACACCAAGGAGGCGCTGACCAAGATGGAGCCACCGAAGA
AAGGAAAGACTCCAAAGAGCGTCTGAGTGTCCCAATAAGGACACGGTCCACACGCAGAATGACGTGGA
AAGACTGGAAATCCGAGAGCAAAACAAAGAGCAAGTCGGAGGCCAAGTGGAAAGTACAAGAACGAAACCT
GACTCTTACTGAGAATGGAGGAGGACAGAGGTTGGAGAAGTACCCCTGGCTGGGAACAAGGACAAGT
TTTCTTTTCTTCTCTAACAGAAAACCTCTGGGCTCCAAGCCCCTCAGGCCGCGGAGCAGCCCTGGCGT
GTTGCGGACCTTGACAGCTTCAAGGAGGACAAGGCCAAGCCCGTCCGAGATGAGTATGAATATGTATCG
GACGACGGGAGCTGAAGATTGACGAGTTTCTATCAGGAGGAAGAAGAACCCCAAAAGGGATTGT
CCTTTTGTAGACAAGAAGGAGACTCTCCTATCCCCACCTCGAAGCCAAGCTGGACTCCACGGCATA
CAAGAGCGACGACTCCTCTGATGAGGGCTCTCTGCATATCGACACGGACACCAAGCCAAGCCGAAATGCC
AAAGTGAAGAAGGAAAGTGGGAGCTCGGCGGCAGGCATCCTGGACCTACTGCAGGCCAGCGAGGAGTGC
GGGCTCTTGAGTACAACCCCAACAGCCAGCCCCCTGCCTCCCCAGTACGCAGGAAGCCATTCAGGGAAT
GTTGTCCATGGCCAACTGCAGGCCTCTGACTCCTGCCTGCAGACCACATGGGGCACTGGCCAGGCCAAG
GGGGTTCCTGGCAGCCATGGCGCCCGAAGAATGGTGGTAGCAGCAAAGGGACAGGCAAGCGCCTAC
TGAAGAGGACTGCCAAGAACAGCGTGGATCTTGAGGACTATGAGGAGCAGGACCCTGGACGCTGCTT
CAAGGACTCAGACTATGTTTACCCCTCACTGGAGTCTGACGAAGATAACCTGTCTTCAAGTCCCCTCA
AAGAAGAGGAAAAGGCTCAGACGATGCTCCTTACAGCCCCACAGCCAGGGTCGGTCCATCAGTGCCGAGAC
AAGACAGGCTGTGCGTGAAGGGACAGAGTGGCTCCATTGAGACTGGGCTGGCAGCTGCTGCAGCCAA
GCTGTCCCAGCAGGAGGAGCAGAAAAACAGGAAGAAGAACAACCAAAAGGAAGCCGACTCCTAACACT
GCCTCCCCCTCCGTCTCCACGTCTGCCTCCGCCTCCACGGGTACCACCTCGGCCTCCACCACCCAGCCT
CCACCACCCCGGCTCCACCACCCAGCATCCACCACCCCGGCTCTACCAGCACAGCCAGCAGCCAGGC
CTCACAGGAGGCGACTCACCCGAGCCCCACCTGAGTACACAGCAGTGGCCTAGCTGACCACGAGTAT
ACAGCAGCGGCACATTCGAGGGGCCAGGCTGGCCGTGCTCCAGCCATGGCCCTGGAGTCTTTC
TCACACAGAGGCGCCTTCTGCATCATCCCCAACAACTGCTGCCAAAGGAAAACGTACAAAAAAGGG
CATGGCCACCGCAAGCAAGGCTTGAAAAGATCTTGAAGATCCATCGGAATGGGAAACTGCTCCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001107342
Insert Size:	2940 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:	<ol style="list-style-type: none">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:	<u>NM_001107342.1</u> , <u>NP_001100812.1</u>
RefSeq Size:	4931 bp
RefSeq ORF:	2940 bp
Locus ID:	306814
Cytogenetics:	17p14