

Product datasheet for **MC222741**

Phf14 (NM_001168382) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Phf14 (NM_001168382) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Phf14
Synonyms:	1110001C23Rik; 4932409F11Rik; 5730446A07Rik; AA623952; AV297001; mKIAA0783
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222741 representing NM_001168382
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGATCGCAGCTCCAAGAGGAGGCAGGTGAAGCCTTTGGCCGCTTCTCTCTGGAAGCTCTTGATTATG
 ATAGTTCAGATGACAGTGATTTTAAAGTTGGAGATGCTTCAGATTCTGAAGGGAGTGGTAATGGAAGTGA
 AGATCCTTCAAAGGACAGTGGAGAAGGTTCTGTAGTGATTCTGAGGAAAACATTTTAGAAGAAGAAGTGA
 AATGAAGATATTTCAAGTAAAAGAAGAAGCAAGCTTAAAAATCTACAGAGGAAATAATGCCATCAGACAAA
 AGTTAATTTAAAATGGAAGAAGGAAGAAGAAGAAAACGGAGAAAAGACCTAGAAAAGAAAAGGAGAAA
 AAAGGAGAAAAGAAAAGGAAAAGGAGAAGGACAAAGAGAAAAGCAACAGTATCTGATAGTGCAGCTGCTTCT
 GCTGCTGGCACCACACCAGCCACAAGCCCTCTGCTGTCACTCCCTTCTGTCCCTACCACCCTACCA
 CCACCACGGAGGAACAAGTCAGTGAGCCCAAGAAATGGAATCTTCGTGGAAACCGTCCCCTGTTGGACTT
 TGTATCCATGGAAGAAGTCAATGCTATGGATGATTATGACAGTGAGGATGATAATGACTGGAGACCTACT
 GTAGTAAAGAGAAAAGGGCGATCAGCGTCTCAGAAGGAGGGCAGTGATGGAGACAATGAGGATGATGACG
 ATGAGGGAAGTGGGAGTGAAGGAGATGAGAATGATGAGGGCAATGATGAAGATCATAGCAGCCCTGCTAG
 CGAAGCAGGTGGCAAGAAGAAGAGGAGTAAAGTCTTAGCAGAAAACAGTCTGATGATGAGGAAGTGAAC
 AATGATAGCCTGACCCTATCTCAAAGCAAGAGTAAAGTCTTAGCAGAAAACAGTCTGATTTGAGAAGAGTCAA
 AATGGATTCTCAGAAAATGGACCACATTCTGATTTGCTGTGTTTGTCTTGGAGATAATAGTGAAGATGCAGA
 TGAATAAATTCAGTGTGATAATTTGGCATTACAGTTCATGAAGTGTGTTATGGAGTCGATGGGAGAGT
 GACTCTATTATGAGTTCGGCTTCTGAAAACCTCCACTGAGCCTTGGTTTTGTGATGCCTGTAATGTGGTG
 TATCTCTAGCTGTGAAGTATGCTCTAATCAGGATGGGATTTTCAAGGAGACGGATGCTGGAAGATGGGT
 CCACATTTGTTGTCCTATATGTTCTCGGAGTGGCTTTTGGAGATATTGATAAAATACGACCAGTAAAG
 CTAACAGAAAATGAACTATTCTAAATATGGTGCCAAAGGAGTGTAGCTTTTGTGAAGATCCTCGCTTTGCTA
 GAACTGGAGTTTGCATTAGCTGTGATGCAGGCATGTGTAGAGCCTATTTCCATGTCACCTGTGCCAAAA
 GGAAGGCTGCTATCAGAGGCAGCAGCAGAAGAGGATATAGCAGATCCATTTTTTGTCTATTGTAAGCAG
 CATGCAGACAGATTAGACAGAAAATGGAAGAAGAAAACACTTGGCTCTACAATCCTATTGTAATAATGT
 CTTTGAAGAGAGAGAAAACAGCTGTCCCTGAAGCACAGGCAAGGATCAATGCCCGACTACAGCAATA
 TCGTGCCAAGGCAGAGCTGGCGCATCTACCAGACCACAAGCCTGGGTTCCAAGGAAAAGCTACCCAGG
 CCACTGACAAGTGTGCTTCGGCTATTCGTAAGCTTATGCGCAAAGCAGAGCTGATGGGAATCAGTACGG
 ATATCTTTCCAGTGGACAACCTCAGATACTAGTTCTAGTGTGGATGGAAGGCGGAAGCATAAGCAGCCCGC
 TCTCACTGCTGATTTTGTGAATTAATTTTGGAGAAAATATGCGCATGATTTCAAATTCAGGAAAATATG
 GCTGAACAAAAGAATATAAAGGATAAATAGAGAATGAGCAAGAAAAGCTTCATGTAGAATAATAAAGC
 TCTGTGAATCATTAGAGGAAGTGCAAAATCTGAATGGGAACTTCGAAGTGAAGGCAAGGGATATGGGC
 CTTACTTGGCCGAATTACAGGGCAGAAGTTGAATGTACCAGCAATCTTACGAGCACCTAAGGAAAGGAAA
 CCAAGTAAAAAGAAGGAGGCACACAAAAGACATCTGCTCTTCTACAGTGTCTTATAGTTGTGGAATTT
 GTAAGAAGAACCATGATCAGCATCTTCTTTACTGTGTGACACCTGTAAGTGCATTATCATCTCGGCTG
 CCTTGATCCTCCTTACAAGGATGCCGAGAAAAGACGAAAACAGTTACTGGCAATGCTCAGAGTGTGAC
 CAGGCAGGGAGCAGCAGCATGGAAGCAGAGATGGCCATGGAAACCTTACCAGATGGAACAAAACGATCAA
 GGAGACAGATTAAGGAGCCAGTGAAGTTTGTGCCACAGGATGTCCACCAGAACCAAGAAGATTCCAAT
 AAGAAACACGAGAACCAGAGGACGAAAGCGAAGCTTTGTTCTGAGGAAGAAAACATGAGGAAAGAGTT
 CCTAGGAAAAGGAGGCAGAGGCAGTCTGTGTTACAGAAGAAGCCAAAGGCTGAGGACTTAAGAACTGAGT
 GTTCAACTTCAAAGGAACTGGAGATAATGAGAATCTTGTGAGGTGTGATGAATGCAGGCTGTGCTACCA
 TTTTGGCTGTTTAGATCCTCTTTGAAAAGTCTCCTAAACAAACAGGCTATGGATGGATATGTCAGGAA
 TGTGACTTTCATCTTAAAGGAAGATGAAAATGAAGCTGAAAAGAAAACGCATCTCAGGAGCTCAGCA
 TGGAGCAGAAAACCTCAAAGAAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN:	NM_001168382
Insert Size:	2826 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_001168382.1</u> , <u>NP_001161854.1</u>
RefSeq Size:	3381 bp
RefSeq ORF:	2826 bp
Locus ID:	75725
UniProt ID:	<u>Q9D4H9</u>
Cytogenetics:	6 A1