

Product datasheet for **RN207319**

Phf8 (NM_001108253) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Phf8 (NM_001108253) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Phf8
Synonyms:	RGD1561065
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN207319 representing NM_001108253 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCTCGGTGCCTGTGTATTGCCTCTGTCGACTGCCTACGATGTGACCCGCTTCATGATCGAGTGTG
ACATGTGCCAGGACTGGTTTCACGGCAGTTGTGTTGGTGTGAGGAGGAGAAGGCTGCTGATATTGATCT
GTACCATTTGCCCAACTGTGAAGTCTTACACGGACCTCCATTATGAAAAACGTCGTGGATCTTCCAAA
GGACATGATAATCACAAGGGTAAACCATTGAAGACTGGGAGCTCCATGTTTATCCGAGAACTACGGGTA
GGACTTTTGACAGCTCAGACGAAGTGATTCTGAAACCCACTGGAAGTCAGCTGACAGTGGAAATCTTGGA
AGAGAATAGCTTCAGCGTGCCTATCCTTGTCTTGAAGAAGGATGGCTTGGGGATGACATTACCCTCTCCA
TCATTCAGTGTGAGGGATGTGGAGCACTATGTTGGTCTGACAAAGAGATTGATGTGATTGATGTGGCC
GCCAGGCTGACTGCAAAATGAACTTGGTGATTTTGTCAAATACTATTACAGTGGGAAGAGGGAAAAAGT
CCTCAATGTCATTAGTTTGAATTCTCTGATACCAGACTTCAAACCTTGTGAAACACCCAAGATTGTT
CGAAAGCTGTGCGGGTGGAGAAGTGTGGCCGGAGGAATGTGCTTTGAGAGGCCAATGTGCAGAAGT
ACTGCCTCATGAGTGTGGGATAGCTATACAGATTTTACATTGACTTTGGTGGGACCTCAGTTTGGTA
CCATGTGCTTAAGGGTGAGAAGATCTTCTACCTGATCCGCCCAACAAATGCTAATCTGACTCTTTGAG
TGCTGGAGCAGCTCCTCTAATCAGAATGAGATGTTCTTTGGTGACCAGGTGGAAAAATGCTACAAGTGT
CTGTGAAGCAAGGACAAACACTGTTTATCCTACAGGGTGGATACATGCTGTGCTAACACCAGTGGACTG
CTTAGCCTTTGGAGGAACTTTTACATAGCCTTAACATTGAAATGCAACTCAAGGCCTATGAAATTGAG
AAGCGGCTGAGCACAGCAGACCTTTTCAAGTTTCCCAACTTCGAGACCATCTGTTGGTATGTGGGAAAA
ATATTCTGGACATCTTCCGAGGCTTACGAGAGAACAGGAGACATCCTGCCTCTACCTGGTCCATGGTGG
TAAAGCTCTGAAGTGGCCTTTAGAGCCTGGACAAGGAAAGAAGCTCTGCCAGACCATGAGGATGAGATC
CCAGAGACAGTGGGACTGTACAGCTCATTAAAGATCTGGCTAGGAGATCCGCCTGGTCAAGACATCT
TCCAACAGAACGTTGGGAAGACGAGCAATATCTTTGGGCTGCAGAGGATCTTCCAGCTGGTTCCATCCC
CTTAACAGGCCAGCCATTCCACTTCAGTATCCATGTCCAAGCTGTCACTGCCCTCCAAAAATGTTTCA
AAGAAGAAAGGCCTGAAGCCCAAGGATATCTTCAAGAAGGCAGAACGAAAGGGCAAGCAGAGTTCAGCCT



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TGGGGCCTGCTGGCCAGTTGAGCTATAATCTCATGGACCCATACAGTCATCAGGCACTGAAGACAGGCC
 TTCCCAGAAAGCAAAGCTCAACATTGGTGGTGCCTGCTTGAATGACTCAGATGATGACTCAGCAGACATG
 GACGTTGATGGCAGTGAGAACCCCTGGCCCTGTTGATGGCTAATGGCAGTACAAAGAGGATGAAGAGTG
 TATCCAAGTCTCGAAGAGCCAAAATTGCGAAGAAGGTAGACAGTGCAAGACTGGTAGCAGAACAGGTCAT
 GGGGGATGAATTTGACTTGGACTCAGATGATGAGCTGCAGATTGATGAGAGACTGGGAAAGGAAAAAGCG
 AACCTGTTAATGAGATCAAAATTTCCCGGAAATTGCCCGTGCAAAACCTTGCTCTGACCCCAACCGAA
 TTCGTGAACCTGGAGAAGTTGAGTTTGACATTGAGGAGGACTATACAACAGATGAGGACATGGTGGAAAGG
 GGTTGAAAGCAAGCTTGTAATGGGAGTGGAGCTGGTGGAAATCTTGATCTACTTAAGGCCAGCAGGCAG
 GTCGGGGGACCTGACTATGCTGCCCTACTGAGGCCCCAGCCTCCCCAGCACACAAGAGGCCATCCAGG
 GCATGTTATGATGGCCAACCTGCAGTCTCATCATCCTCACCAGCTACCTCCAGTCTGCAGGCTTGGTG
 GACCGGAGGGCAAGACCGAAGCAGTGGGAGCTCCAGCAGTGGGCTGGGCACTGTGTCTAATAGTCTTATT
 TCCCAGCGCACCCAGGGAAGCGGCCCATCAAGAGGCCAGCATACTGGAAAAACGAGAGTGAGGAGGAAG
 AGAATGCCAGTATGGATGAACAAGACAGCTTGGGAGCATGCTTCAAGGATGCTGAGTATATCTATCCATC
 CCTGGAGTCTGATGATGATGACCCTGCTTTGAAATCTCGACCCAAGAAAAAGAAGATTCAGATGATGCT
 CCATGGAGTCTAAAGCCGTGTGACTCCAACCTACCCAAGCAGGACCGTCTGTTGCTGAAGGAACCA
 GAGTTGCCTCCATTGAGACAGGCTTGGCTGCAGCAGCTGCAAAGCTTGCCAGCAGGAGCTGCAAAGGC
 CAAAAAGAAGAAATATATCAAGAAGAAGCCTTGTGCTGAAGGAGGTAGAACAGCCTCGCCCTCAAGATTCC
 AATACCACCATGACAATGCCTGCACCAACTGGCTACTACCCCGCCTGTCCCTCCTCCTCACCC
 AGCCACCTCCTGAGCCTAAACAAGAGGCTCTGTGAGGAAGTCTTGTGACCATGAGTACACTGCTCGTCC
 CAATGCCTTTGGCATGGCTCAGGCAAATCGCAGCACCACACCTATGGCCCTGGAGTCTTCTCACCAG
 CGGCGCCCTTCAGTTGGTTCCAGAGCAGTCAGGCAGGACAAGGAAAGCGTCCGAAAAAGGGCCTGGCCA
 CAGCAAAGCAAAGACTCGGCCCATCTGAAAAATCCACAGAAATGGCAAGTTACTTCTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_001108253

Insert Size:

3072 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_001108253.1, NP_001101723.1

RefSeq Size:

5692 bp

RefSeq ORF:

3072 bp

Locus ID: 317425

Cytogenetics: Xq12