

Product datasheet for **RN211482**

Phf1 (NM_212538) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Phf1 (NM_212538) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Phf1
Synonyms:	Tctex3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211482 representing NM_212538
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCAGCTCCCCGGCTGAGCCGTTTGGTGCTCCCTCTCTTTGGGACCCAGCTCCCCTGCTCCCA
 CCTCAGGCCCCAGACCTCGGCTTTGGGAAGGTCAAGATGTGCTGGCAAGATGGACTGATGGGCTCCTGTA
 CTTGGGCACCATCAAAAAGGTGGACAGTGC GCGGGAGGTGTGTCTGGTCCAGTTTGGAGTATTCCAG
 TTTCTAGTTCTATGGAAGGACATCAGCCAGCCGCCCTTCTGGTGAGGAGCTCCTCTGTGTGTGTGTC
 GCTCTGAGACCGTGGTCCCTGGGAACCGGCTGGTCACTGTGAGAAGTGTGCGCATGCCTATCACCAGGA
 CTGTCACGTCCCCAGGGCCCCAGCCCTGGAGAAGGAGAGGGCAGCTCCTGGGTCTGCCGCCAGTGTGTC
 TTTGCGATTGCCACAAGAGGGGAGGTGCCCTGAAGAAGGGTCCCTATGCCCGGGCCATGCTGGGCATGA
 AACTCTCCCTGCCGTACGGTCTGAAAGGGCTGGACTGGGACGCCGACATCTGAGCAACAGGCAGCAGAG
 CTACTGTTACTGCGGGGGCCCGGGGAGTGAACCTGAAAATGCTGCAATGCCGGAGCTGCCTCCAGTGG
 TTCCATGAGGCCTGCACCCAGTGTCTGAGCAAGCCCTCCTTTACGGAGACAGATTCTATGAATTTGAAT
 GCTGTGTGTGCCGGGGCGGCCCTGAGAAAAGTACGGAGGTTACAGCTTCGCTGGGTGGATGTGGCCCATCT
 TGTCTCTACCATCTCAGCGTTTGTGTAAGAAGAAATATTTGATTTTGACCGAGAGATCCTCCCCTTC
 ACCTCTGAGAATTGGGACAGTCTGCTCCTGGGGAGCTTTCAGACACTCCCAAAGGAGAACGCTCTTCCA
 AGCTCCTTTCTGCCCTTAACAGCCACAAGGACCGTTTCATTTTCAGGGAGGGAGATTA AAAAGAGGAAATG
 CCTTTTGGTCTCATGCTCGGACCCCTCCTCCTGTGGAGCTTCTCACTGGAGATGGATCCCCACCAGC
 TTCCTTCAGGGCAGGGCCCTGGGGGAGGGTCTCACGTCCCCTGGGAAACGCCGGAAGTCGGAGCCAG
 AACCTTTGAGGAGGAGGCAGAAGGGGAAAGTGGAGGAAC TGGGGCACCCACAGCAGCTCACAGTCGGCA
 TGGGTCCCAGGAGCAGAGGGCCCTGCAGGCCTCAGAGTCTCCACCACCCCCAGCCCTAACCCAGAGCTAC
 CAGGGCAGCAGCGGCTACAACCTCCGGCCACAGACGCCCGTGTCTGCCCAGCAGCCCCATCCGGATGT
 TCGCCTCCTTCCACCTTCTGCCAGCACTGCAGGGACCTCTGGGGACAGTGAACCCCCAGACAGGTCACC
 TCTGGAACCTCACATTGGCTTCCCCACAGACATCCCTAAAAGTTCTCCCACTCAGTGACTGCCTCGTCT
 TCCTCGGTCCCAGCCCTGACCCAGGCCTTTCTAGACATTCAGTCCCTTCTCCCTTGTGCCGTAGTT
 TGTCTCCGGGACTGGGGGAGGAGTCCGAGGTGGGTTAGCTACCTGTCCCGGGTGACCCTGTCAGGGT
 CCTTGCTCGAAGAGTCCGGCCTGATGGCTCTGTGCAGTACCTAGTCGAGTGGGGAGGAGGGGCATCTTC
 TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_212538

Insert Size: 1683 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_212538.1](#), [NP_997703.1](#)

RefSeq Size: 2213 bp

RefSeq ORF: 1683 bp

Locus ID: 294287

Cytogenetics: 20p12