

Product datasheet for **RN210185**

Phf10 (NM_001024747) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Phf10 (NM_001024747) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Phf10
Synonyms:	BAF45a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210185 representing NM_001024747
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGGTT**CAGGG**ATAGTTCAAGAAGTTGCGAGACTTCAAGTCAAGATCTTAGCTTCAGTTACTACCCAG
 CAGAAA**CTTA**ATAGAATACAAATGGCCACCTGATGAAACAGGAGAATACTACATGCTTCAGGAGCAAGT
 CAGTGAATATCTGGGTGTGACCTCCTTCAAGCGGAAATATCCAGATTTAGAGCGACGAGATTTATCTCAC
 AAGGAGAA**ACTGT**ACCTGAGAGAATTAACGTCATCACGGAAACACAGTGCACACTAGGTTTAAACAGCAT
 TGCGCAGTGAAGTGATTGACTTAATGATAAAAGAATATCCAGCTAAACACGCTGAATATTCTGTTAT
 TCTACAAGAAAAGGAACGTCAGAGAATTACAGATCATTATAAAGAGTATTCTCAAATGCAGCAACAGAGT
 ACTCAGAAAGT**CGAAG**CCAGCAAAGTGCCTGAGTACATTAAGAAAGCCGCAAGAAGGCAGCAGAGTTTA
 ACAGCA**ACTTAA**ACCGGGAGCGCATGGAAGAAAGAAGAGCGTACTTTGACTTGCAGACGCATGTCATCCA
 AGTGCCTCAAGGAAGTACAAAGTGTG**CCAAC**AGACCGAACGAAGGTCAGTTCCATATCCAGTGGCTCTC
 ATCCCCGGGCAGTTCAGGAGTACTATAAGAGG**TA**CTCACCAGATGAGCTTCGGTACTTGCCATTAACA
 CAGCCCTGTATGAGCCGCCCTGGACCCAGAGCTCCCGGCACTAGATAGTATGGAGACTCAGATGACGG
 TGAAGACGGTGGAGGGGATGAGAAGCGGAAGAATAAAGGCACTTCGGACAGCTCCTCAGGCAATGTGTCT
 GAAGGAGACAGCCCCCTGACAGCCAGGAGGACACCTTCCAGGGAAGACAGAAATCAAAAGACAAAATGG
 CCACGCCAAGAAAAGACGGCTCCAAACGTTCTGTACTGTCCAATCAGTTCCTGGGTACAAGCCAAAGGT
 CATTCAAATGCCTATGTGGAAATTTGTCTGAAGGTAAGGAGTCCAACAAGAAAGGAAAGGCTGAATCA
 CTTATACACTGCTCCAGTGTGATAACAGTGGCCACCTTCTTGCTTGGATATGACCATGGAGCTTGTTT
 CTATGATTAAGACCTACCATGGCAGTGTATGGAATGTAAGACATGCATTATATGTGGACAGCCCCACCA
 TGAAGAAGAAATGATGTTCTGTGATGTGTGACAGAGGTTATCATACTTTTGTGTGGCCTTGGTGCT
 ATTCCATCAGGTCGCTGGATTTGTGACTGTTGT**CAGC**AGCTCCCCAACACCCAGGAAAGTGGGCAGAA
 GGGGAAAAACAGCAAAGAGGGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001024747

Insert Size: 1356 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_001024747.2, NP_001019918.2
RefSeq Size: 1644 bp
RefSeq ORF: 1356 bp
Locus ID: 292404
Cytogenetics: 1q12