

Product datasheet for SC100527

PHF13 (NM_153812) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PHF13 (NM_153812) Human Untagged Clone
Tag:	Tag Free
Symbol:	PHF13
Synonyms:	PHF5; SPOC1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_153812, the custom clone sequence may differ by one or more nucleotides

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ATGGACTCTGACTCTTGCGCCGCCCTTCCACCCGAGGAATACTCCCCAGTTGCAAGAGGCGCAGGA  
CCGTGGAAGACTTCAACAAATTCTGCACCTTTGTCTTGGCCTATGCTGGCTACATCCCTTATCCGAAGGA  
GGAAGCTCCCTTTAAGGAGCAGCCCCAGCCCTGCTAACAGCACTGCTGGTACCATTGACAGCGACGGCTGG  
GACGCGGGTTTCTCAGACATCGCGTCTCAGTCCCTTGCCAGTCTCTGACCGCTGCTTTAGCCACCTGC  
AGCCTACTCTCTGCAGCGAGCCAAGCCCAGTAACTTCTGCTGGACAGAAAGAAAACGGACAAGCTGAA  
GAAGAAGAAGAAGAGGAAGCGCAGGGACAGTGATGCGCCTGGGAAAGAGGGGTACAGGGGGGCTTGCTG  
AAGCTGGAAGCCGCTGACCCCTACGTGGAGACCCACGAGTCCCACCTTGCAGGATATCCCCAGGCTC  
CCAGCGACCCCTGCTCGGGCTGGGACTCCGATACTCCCTCGAGTGGATCTTGTGCCACTGTGTACCTGA  
TCAGGTCAAAGAAATAAAAAGTGAAGGCAACGGACTATCGTCCGGCAGGGAAAGCAGGTGGTGTCCGA  
GATGAGGACAGCACTGGCAATGATGAGGACATCATGGTGGACTCAGATGACGATTCTGGGACCTCGTGA  
CCTGCTTCTGCATGAAGCCATTTGCCGGCCGCCCATGATCGAGTGTAAATGAGTGCCACACCTGGATTCA  
CCTGTCTGTGCGAAAATCCGAAAATCCAATGTTCCAGAAGTGTGTGCTGCCAAAAGTGCCGGGACTCC  
AAGTTTGACATCCGCCGTTCCAACCGCTCGCGGACGGGCTCCCGAAGCTGTTCTGGACTGA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_153812 unedited GGTCAACATTTGTATACGACTCATATAGGGCGGCCGGAATTCGCACCAGGTCCGGTTCC CGCTCACCGCCGCGCCGCGCCCTGCAGCCACTCTCCCGCTCTACCGCCGCGGGAG CTGCATCGTCCACTCCGGTCCGGTGGAAACCGCCAGTCCGGGTACAGAGCTTGAGAA GCGACGCGCTGAGCCCCATCACCTCCAGCCGGGCGACCCCTCCCGGTCCGCCCTCG CCCTGCGCAGCCCGCCGAGCCCCAGCCCGGGCGGCCCGCTCCAGCATCCAGCTCCT GCACTCTCGCAGCCCGCCGCGCCCGCCGGAACATGGACTTGACTTTGCGCCGCC GCCTTCCACCGGAGGAATACTCCCCAGTTGCAAGAGGCGCAGGACCGTGAAGACTTC AACAAATTCTGCACCTTTGTCTTGGCTATGCTGGCTACATCCCTTATCCGAAGGAGGAA CTCCCTTTAAGGAGCAGCCCAGCCCTGCTAACAGCACTGCTGGTACCATTGACAGCGAC GGCTGGGACGCGGGTTTCTCAGACATCGCGTCTCAGTGCCTTGCCAGTCTTGACCGC TGCTTTAGCCACCTGCAGCCTACTCTTGCAGCGAGCCAAGCCAGTAACTTCTGCTG GACAGAAAGAAAACGGACAAGCTGAAGAAGAAGAAGGAAGCGCNAGGACAGTGAT GCGCCTGGGAAAGAGGGTACAGNGGGGGCTTGTGAAGCTGGAAGCCGCTGACCCCTA CGTGGAGACCCNCACGAGTNCACCTTGCAGGATATCCCCNAGCTCCAGCGACCCCTG CTCGGGCTGGGACTNCGATACTCTCGAGTGGATCTTGTCACTGTGCTACTGATCAGGG TCAAGAATAAACTNGAGCAACGACTATCGTCGCAGGAAAGCAGTGGTGTCT
Restriction Sites:	NotI-NotI
ACCN:	NM_153812
Insert Size:	4000 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:	NM_153812.1 , NP_722519.1
RefSeq Size:	3684 bp
RefSeq ORF:	903 bp
Locus ID:	148479
UniProt ID:	Q86YI8
Cytogenetics:	1p36.31
Domains:	PHD
Protein Families:	Druggable Genome, Transcription Factors

Gene Summary:

Modulates chromatin structure. Required for normal chromosome condensation during the early stages of mitosis. Required for normal chromosome separation during mitosis.
[UniProtKB/Swiss-Prot Function]