

Product datasheet for SC123134

PHF21B (NM_138415) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: PHF21B (NM_138415) Human Untagged Clone
Tag: Tag Free
Symbol: PHF21B
Synonyms: BHC80L; PHF4
Mammalian Cell Selection: None
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_138415 edited
TCCCTTTTCGGCCGTGGGGGAGGGGCTCGTGTCCCCCAACCCAGCCCGGAGGCCCGCT
CCGCCCGCGCCCGCTCTGGCCCCCGCGGAGCCGCGCAACTTCCCGGAGCCCGGGCCAAA
GTGAGCGCAAAGTGCTGCCCAAGTTGCCGGATGGAGCTGCAGAGCCGGCCCGAGCGCT
CGCCGTGGAACCTCGCGGCCACCAAGACGGCGACCTCAAGAAGCAGCTCCACGAAAGGCA
GCCCGGATCGCCGCGCTCAGCGACAAACAAGCTTTGGGAACGATCACTGCAAGTGCCTGT
CACGGGTCTCAGGTCAGCTCCTTGAGAGGTTGGCCGGCAAGGAGCGGCAAGTGTACC
TCAGGTTAGGCCAAAGACTCTGATTCCAGACAGCCTCCCCGTTGCCCGGGCCGGGACCG
GCCACCAAGCAGCCCCAACATTCAGAAGGCCACCGTGGTCAGCGTCAAGAACCCAG
CCCAGCCCTCCCCACGCAACAACACTGTCAGCCATGTGCCAGCGCCCGCAGCCAGCC
CCAGGCCCTCGCCGAGCCCGCCGCTCGCCTCTCCGCTGAGCAGTGCAGGGGTGGCCTA
CGCCATCATCTCCACCTCCCCAGCAATGCCGCCCATGGCCCCAGCACCGCCGTGTC
TGTGGTCAAGTACAGCATCAAAGTCCAGCCCCTCCTCATCAGTGTGACAACAAGCCTCC
TCCACGCCTCCTCTTCCCCCTACCCCGCAACCCATCACTGTCCCCTCCACCCCTCCTC
TCTTCCCCTACCCCTCCCTCCCCATCACTGTCCCCTTACCCCTCCATGGCATCTTCCA
GGTCATCATCATTACGCTCAAGTGCAGACGCAGCCCGAGAGCACGGCAGAGTCCGGGCC
GCCACAGAGGAGCCATCTCAGGAGCTCAGGCCACCAAAAAGAAGAAGGAGACCGGCC
CCCGACCCAGGAGAACCCTGAGAAAATCGCCTTCATGGTAGCGTAGGCCTGGTTACCAC
GGAACATTTGGAAGAAATCCAGAGCAAGCGACAGGAGCGGAAGAGAAGAAGCAGCCAA
CCCTGCCTACAGCGCCCTCCTGGAGACCGAGAGGAAACGGCTGGCCTCCAATATCTCAA
CAACCCCTGTTCTCACAGCGAGAGCCAAATGAGGACCCCTGCTGGAAGAAGCAGATCAC
CCACGATGAGCACTGTGCCGCTGCAAGCGAGGGGCAACCTGCAGCCCTGCGGCACCTG
CCCGGGGGCCTACCACCTCAGCTGCCTGGAGCCGCCCTCAAGACGGCGCCCAAGGGCGT
GTGGGTGTGCCCCAGGTGCCAGCAGAAGGCCTTAAAGAAAGACGAGGGTGTGCCCTGGAC
TGGGATGTGGCCATCGTCACTCTTATGTCACCCACAAGACAGTCAAAGAAGAGGAGAA
GCAGAAGTGTGCAACGAGGAGTGCAGTGCAGAACGAGCACCAGCAGTGGAGGAGCG
GGACCGGGGCTGGCGTCAAGTGCAGAAATGCCTGGAGTTGAAGACAAGCCTGCTGGC



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CCGCCAGAGGGGCACCCAGTCATCCCTGGACCGCCTGCGGGCCCTCCTGAGACTGATACA
 GGGCGAGCAGCTGCTCCAGGTACCCATGACGACCACTAGCCCTGCCCACTGCTGGCCGG
 GCCCTGGACCAAGCCCTCAGTGGCAGCCACACACCCACCGTCCAGCACCCCCAGGGCCA
 CAACTGACCCCGAGGGACCAGTCTTCATACCCACGGAAAGTTATTGGGACCCTGCTTACA
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 CCAGACAGAGGAGGAGGGAGGAAGAGCTGGGCGAGAGGCCCTAGAGCCAGGACAGGTG
 GGGTGCGGGCCCTGTGCCCTCAAATTCACAGGGGGTACCTAGGAGCCAGGTGGGGTACG
 ACAGGCTGGGGCACACAGTCTCCCCCGGCCACCTCGGGGCTGCCTGGGCCTCTGGCTTC
 CAGGCCCTGCTCTCCACGGCCTCCCTCTGGCCCGTTGGAGGGGCAGGCTGAGGCTGTGGA
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 CTTGTACCCCTTGCCCGATTCCCACATCCCAGTCTGAGGGACTCAGCACAAACAGGATAA
 GCGTCCAGGAGCCACGGGCTCCCACCCGAGCATATCACATGGTGCCGAATTGCACTGAA
 CACGCGTGTGTGCATCGCACGCGGCCACGACCACAGACACGCATGCACACACGCAGAGGT
 GCAGAGCGAGGAGGCCGGCAAATCCCGCAGCTGCCACGGTCCCTCCTGTCATTCTCACGA
 CTCCGGGAGAACTGTGCTGTATGATACAGATCTATTTAATACACTTACCCTGGGTGA
 ACAAGATTTTTATATTCTTTTATTGATGAACAAAGTGAACCGTGTGAGGCACACGTCTTC
 TATATTGGCTACTCTGTGCCAAGTATGCATTACCGCGTGGCTTGGCATGTCCATGTCTTC
 AGCTTCTTTTCTGTTGGTTTGGTTTTCTTCGCGGATGGATTGAGTTACATGTTTAAACA
 GTGAATGGGAGGATCTGAAAGGTTGGACCCGGGAGGGGTAGCTGCCGATGTGTCTTGAG
 ATTGTTAGGTTTTTTTTGGACCAAGGAGGACCGTCCAGTGGGTAGTGAGGATAGAGAAAA
 AGTGTGTTGCTTAAATACGCCAATGTAGTTTTCTTTTACAATGTATTAACCTCGATC
 GATGATTTCAAAAACAAAAA

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_138415 unedited</p> <pre>GGTCAAATTTTGTATACGACTACTATAGGGCGGCCGGAATTCGCACGAGGTCCCTTTC GGCCGTGGGGGAGGGGGCTCGTGTCCCCCAACCCAGCCGGAGGCCGCTCCGCCGC GCCCGCTCTGGCCCCCGGGAGCCGCGCAACTCCCGGGAGCCCGGGCCAAAGTGAGCGC AAAGTGCTGCCAAGTTGCCGGATGGAGCTGCAGAGCCGGCCGAGGCGCTCGCCGTGG AACTCGCGCGCCACCAGAACGGCGACCTCAAGAAGCAGCTCCACGAAAGGCAGCCGCGGA TCGCCCGCTCAGCGACAACAAGCTTTGGGAACGATCACTGCAGTGCCTGTACAGGGTC CTCAGGTCAGTCTTGCAGAGGTTGGCCGGCAAGGAGCGGCAGTGCTACCTCAGGTTA GGCCAAAGACTCTGATTCCAGACAGCCTCCCCGTTGCCCGGGCCGGACCGGCCACCCA AGCAGCCCCAACATTCCAGAAGGCCACCGTGGTCAGCGTCAAGAACCCAGCCAGCCC TCCCCACCGCCAACAACACTGTAGCCATGTGCCAGCGCCCGGCAGCCAGCCCCAGGCC TCGCCGAGCCCGCCCTCGCCTCTCCGCTGAGCAGTGCGGGGTGGCCTACGCCATCA TCTCCACCTCCCCAGCAATGCCCGCCATGGCCCCAGCACCGCCGTGTCTGTGGTCA GTGACAGCATCAAAGTCCAGCCCCTCTCATCAGTGTGACAACAAGCCTCTACAAGCC TTCTCTTTTTCCCTCACCCGGAACCCATCAATGTTCCCTTCCAACCTTCTTTTTTCC CTTACCCCTTCCCTTCCAATAATTGTCCCCTTACCCCTCCTTGGCATTTCAGGTCAA TATTAATTAACCCAAAGTG</pre>
Restriction Sites:	Please inquire
ACCN:	NM_138415
Insert Size:	3694 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
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_138415.1 , NP_612424.1
RefSeq Size:	3694 bp

RefSeq ORF: 1596 bp
Locus ID: 112885
UniProt ID: Q96EK2
Cytogenetics: 22q13.31
Protein Families: Druggable Genome, Transcription Factors