

## Product datasheet for **SC307929**

### PHF17 (JADE1) (NM\_199320) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PHF17 (JADE1) (NM_199320) Human Untagged Clone
Tag:	Tag Free
Symbol:	PHF17
Synonyms:	PHF17
Vector:	<u>pCMV6 series</u>



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_199320, the custom clone sequence may differ by one or more nucleotides

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ATGAAACGAGGTGCGCTTCCCAGCAGCAGTGAGGATTCTGACGACAATGGCAGCCTGTCA
ACTACTTGGTCCCAGAATCCCAGATCCCAGCATAGGAGAAGCTCCTGCTCCAGACATGAA
GATCGAAAGCCTTCAGAGGTGTTTAGGACAGACCTGATCACTGCCATGAAGTTGCATGAC
TCCTACCAGCTGAATCCGGATGAGTACTATGTGTTGGCAGATCCCTGGAGACAGGAATGG
GAGAAAGGGGTCAGGTGCCTGTGAGCCCGGGGACCATCCCTCAGCCTGTGGCCAGGGTT
GTGCTGAAGAGAAATCCCTCATGTTTCATCAGGCCCAAGAAGTACATCGTGTATCAGGC
TCTGAGCCTCCCAGTTGGGCTATGTGGACATCCGGACGCTGGCTGACAGCGTGTGTGCG
TATGACCTCAATGACATGGATGCTGCATGGCTGGAAGTACCAATGAAGAATTTAAGGAG
ATGGGAATGCCTGAACTAGATGAATACACCATGGAGAGGGTCTAGAGGAATTTGAGCAG
CGATGCTACGACAATATGAATCATGCCATAGAGACTGAGGAAGGCCTGGGGATCGAATAT
GATGAAGATGTTGTCTGTGATGTCTGCCAGTCTCCTGATGGTGAGGACGGCAATGAGATG
GTGTTCTGTGACAAATGCAACATCTGTGTGCACCAGGCCTGTTATGGAATCCTCAAGGTA
CCAGAGGGCAGCTGGCTGTGCCGACATGTGCCCTGGGGTTCAGCCAAAATGTCTGCTG
TGTCCGAAGAAGGTGGAGCTATGAAGCCACCCGTAGCCGAACCAAGTGGGTCCACGTT
AGCTGTGCTCTGTGGATCCCTGAGGTGAGCATTGGCAGCCAGAGAAGATGGAGCCCATC
ACCAAGGTGTACACATCCCAGCAGCCGGTGGGGCTAGTGTGCAGCCTCTGCAATGAG
AAGTTTGGGGCCTCTATACAGTCTCTGTGAAGAACTGCCGCACAGCCTTCCATGTGACC
TGTGCTTTTGACCGGGCCTGGAGATGAAGACCATCTTAGCAGAGAATGATGAAGTCAAG
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GGGGCTGCACAGGAGAATGGGGCCCTGAGTGTCCCCCGGAATCCGCTGGAGCCCTTT
GCCAGCCTTGAGCAGAACCAGGAGGAGGCCACCCGGGTGAGTGTCCGTAAGCAGAAGCTG
CAGCAGTTGGAGGATGAGTTCTACACCTTCGTCAACCTGCTGGATGTTGCCAGGGTCTG
CGGCTGCCTGAGGAAGTGTGGATTTCCCTGTACCAGTACTGGAAGTTGAAGAGGAAGGTC
AACTTCAACAAGCCCTGATCACCCAAAGAAAGATGAAGAGGACAATCTAGCCAAGCGG
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AGGGTTCGGAACCTCACTTACATGGTGACCCGACGGGAAAAGATTAACGGTCTGTGTGC
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GGTGTGCCTTCTCCTGCTCCTCCTCACTGGAAAACATGCTTTTGTTAACAGTCTCT
TCTGTTGGCCCTGATGCTCCCAAGATAGAGGACTTGAAGTGGCATTCTGCATTCTCAGA
AAACAAATGGGTACTTCCCTTGGTTCATTGCTGAAAAAGCCCATAGCGAGATCCTTTG
CAGAATAGCCCTGGAAGTGAAGGCAAAACCTGCTGAAGCAGCCAGACCTGTGTGGTAGA
AGGGAGGGGATGGTGGTCCCAGAGAGCTTTTTGGGTTTAGAAAAGACCTTTGCAGAAGCA
CGTCTCATATCAGCACAACAGAAAAATGGTGTGGTGTATGCCAGACCATGGGAAAAGAAAG
GACAATCGTTTTTATTGTGATCTCATTAAAGGAGACTTAAAGGACAAATCTTTTAAACAG
AGTCACAAGCCTCTCAGGTCCACAGATGTGTCCCAGAGGCATCTGGACAACACAAGAGCT
GCCACCTCCCCTGGAGTGGGGCAGTCAGCACCTGGCACAAGGAAGGAGATAGTCCCAAG
TGCAATGGCTCCCTAATCAAAGTAACTATAATCAGACTGCAGTCAAAGTGCCTACAACA
CCTGCCAGCCCAGTGA AAAACTGGGGAGGATTCCGGATTCCAAAAGAGGGGGAACGGCAG
CAGCAGGGAGAGGCCACGATGGGGCTGCCACCAGCACTCAGACTACCCATATTTGGGC
TTAGGCCGAGTTCAGCCAAGGAAAGGGCAAAAAGCAAATTAATAATCCGACAATGAGAAT
GACGGGTATGTCCCGATGTGGAATGAGTGACTCAGAGAGTGAGGCATCAGAAAAGAAA
TGTATACACACCAGCAGCACTATCAGCAGAAGGACAGACATTATCAGGAGAAGCATCTTG
GCTTCTTGA
    
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**Restriction Sites:** Please inquire

**ACCN:** NM\_199320

<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_199320.1</a></u> , <u><a href="#">NP_955352.1</a></u>
<b>RefSeq Size:</b>	2529 bp
<b>RefSeq ORF:</b>	2529 bp
<b>Locus ID:</b>	79960
<b>UniProt ID:</b>	<u><a href="#">Q6IE81</a></u>
<b>Cytogenetics:</b>	4q28.2
<b>Protein Families:</b>	Druggable Genome, Transcription Factors
<b>Gene Summary:</b>	<p>Component of the HBO1 complex which has a histone H4-specific acetyltransferase activity, a reduced activity toward histone H3 and is responsible for the bulk of histone H4 acetylation in vivo. Transcriptional coactivator, it may also promote acetylation of nucleosomal histone H4 by KAT5. Promotes apoptosis. May act as a renal tumor suppressor. Negatively regulates canonical Wnt signaling; at least in part, cooperates with NPHP4 in this function.</p> <p>[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1). Variants 1, 4, 5, 7, and 8 encode the same isoform. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>