

Product datasheet for **SC337562**

PHF17 (JADE1) (NM_001287442) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PHF17 (JADE1) (NM_001287442) 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_001287442, the custom clone sequence may differ by one or more nucleotides

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ATGAAACGAGGTCGCCTTCCCAGCAGCAGTGAGGATTCTGACGACAATGGCAGCCTGTCACTACTTGGT
CCCAGAATTCCCGATCCCAGCATAGGAGAAGCTCCTGCTCCAGACATGAAGATCGAAAGCCTTCAGAGGT
GTTTAGGACAGACCTGATCACTGCCATGAAGTTGCATGACTCCTACCAGCTGAATCCGGATGAGTACTAT
GTGTTGGCAGATCCCTGGAGACAGGAATGGGAGAAAGGGGTCCAGGTGCCTGTGAGCCCGGGGACCATCC
CTCAGCCTGTGGCCAGGGTTGTGTCTGAAGAGAAATCCCTCATGTTTCATCAGGCCAAGAAGTACATCGT
GTCATCAGGCTCTGAGCCTCCCGAGTTGGGCTATGTGGACATCCGGACGCTGGCTGACAGCGTGTGTGCG
TATGACCTCAATGACATGGATGCTGCATGGCTGGAAGTACCAATGAAGAATTTAAGGAGATGGGAATGC
CTGAACTAGATGAATACACCATGGAGAGGGTCTAGAGGAATTTGAGCAGCGATGCTACGACAATATGAA
TCATGCCATAGAGACTGAGGAAGGCCTGGGGATCGAATATGATGAAGATGTTGTCTGTGATGTCTGCCAG
TCTCTGATGGTGAGGACGGCAATGAGATGGTGTCTGTGACAAATGCAACATCTGTGTGCCAGGCGCT
GTTATGGAATCCTCAAGGTACCAGAGGGCAGCTGGCTGTCCCGGACATGTGCCCTGGGGGTTTCAGCCAAA
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AGCTGTGCTCTGTGGATCCCTGAGGTGAGCATTGGCAGCCAGAGAAGATGGAGCCCATCACCAAGGTGT
CACACATTCAGCAGCCGGTGGGCGCTAGTGTGACGCTCTGCAATGAGAAGTTTGGGGCCTCTATACA
GTGCTCTGTGAAGAACTGCCGCACAGCCTTCCATGTGACCTGTGCTTTTGACCGGGCCTGGAGATGAAG
ACCATCTTAGCAGAGAATGATGAAGTCAAGTTCAGTCTATTGCCCAAAGCACAGCTCATATAGGAAAC
CCGAGGAGAGTCTTGGCAAGGGGGCTGCACAGGAGAATGGGGCCCTGAGTGTTCCTCCCGGAATCCGCT
GGAGCCCTTTGCCAGCCTTGAGCAGAACCGGGAGGAGGCCACCGGGTGAGTGTCCGTAAAGCAGAAGCTG
CAGCAGTTGGAGGATGAGTTCTACACCTTCGTCAACCTGCTGGATGTTGCCAGGGCTCTGCGGCTGCCTG
AGGAAGTAGTGGATTTCTGTACCACTACTGGAAGTTGAAGAGGAAGGTCAACTTCAACAAGCCCCGTGAT
CACCCCAAAGAAAGATGAAGAGGACAATCTAGCCAAGCGGGAGCAGGATGTCTTATTTAGGAGGCTGCAG
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AAGAGTTTCAGGTGTGCCTTCTTCTGCTCCTCCTCACTGGAACATGCTTTTGTAAACAGTCTCT
TCTGTTGGCCCTGATGCTCCCAAGATAGAGGACTTGAAGTGGCATTCTGCATTCTTCAGAAAACAAATGG
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CAGACCATGGGAAAAGAAGAGACAATCGTTTTTCATTGTGATCTCATTAAAGGAGACTTAAAGGACAAATC
TTTTAAACAGAGTCACAAGCCTCTCAGGTCCACAGATGTGTCCCAGAGGCATCTGGACAACAAGAGCT
GCCACCTCCCCTGGAGTGGGGCAGTCAGCACCTGGCACAAGGAAGGAGATAGTGCCCAAGTGCAATGGCT
CCCTAATCAAAGTAACTATAATCAGACTGCAGTCAAAGTGCCTACAACACCTGCCAGCCAGTGAAAAA
CTGGGGAGGATTCCGGATTCCAAAGAAGGGGAACGGCAGCAGGAGAGGGCCACGATGGGGCCTGC
CACCAGCACTCAGACTACCCATATTTGGGCTTAGGCCGAGTTCCAGCCAAGGAAAGGGCAAAAGCAAAT
TAAAATCCGACAATGAGAATGACGGGTATGTCCCGATGTGGAATGAGTGACTCAGAGAGTGAGGCATC
AGAAAAGAAATGTATACACACGAGCAGCACTATCAGCAGAAGGACAGACATTATCAGGAGAAGCATCTTG
GCTTCTGA
    
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Restriction Sites: SgfI-MluI

ACCN: NM_001287442

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:	<u>NM_001287442.1, NP_001274371.1</u>
RefSeq Size:	5644 bp
RefSeq ORF:	2529 bp
Locus ID:	79960
UniProt ID:	<u>Q6IE81</u>
Cytogenetics:	4q28.2
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	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. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (7) differs in the 5' UTR, compared to variant 1. Variants 1, 4, 5, 7, and 8 encode the same isoform (1). 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.