

Product datasheet for SC336528

PHF17 (JADE1) (NM_001287441) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	PHF17
Synonyms:	PHF17
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC336528 representing NM_001287441. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGAAACGAGGTCGCCTTCCCAGCAGCAGTGAGGATTCTGACGACAATGGCAGCCTGTCACTACTTGG
TCCCAGAAATCCCAGATCCCAGCATAGGAGAAGCTCCTGCTCCAGACATGAAGATCGAAAGCCTTCAGAG
GTGTTTAGGACAGACCTGATCACTGCCATGAAGTTGCATGACTCCTACCAGCTGAATCCGGATGAGTAC
TATGTGTTGGCAGATCCCTGGAGACAGGAATGGGAGAAAGGGTCCAGGTGCCTGTGAGCCCGGGGACC
ATCCCTCAGCCTGTGGCCAGGGTTGTGTCTGAAGAGAAATCCCTCATGTTTCATCAGGCCAAGAAGTAC
ATCGTGTATCAGGCTCTGAGCCTCCCGAGTTGGGCTATGTGGACATCCGGACGCTGGCTGACAGCGTG
TGTCGCTATGACCTCAATGACATGGATGCTGCATGGCTGGAAGTACCAATGAAGAATTTAAGGAGATG
GGAATGCCTGAAGTAGATGAATACACCATGGAGAGGGTCTAGAGGAATTTGAGCAGCGATGCTACGAC
AATATGAATCATGCCATAGAGACTGAGGAAGGCCTGGGGATCGAATATGATGAAGATGTTGTCTGTGAT
GTCTGCCAGTCTCCTGATGGTGAGGACGGCAATGAGATGGTGTCTGTGACAAATGCAACATCTGTGTG
CACCAGGCCTGTTATGGAATCCTCAAGGTACCAGAGGGCAGCTGGCTGTGCCGACATGTGCCCTGGGG
GTTTCAGCCAAAATGTCTGCTGTGTCCGAAGAAGGGTGGAGCTATGAAGCCACCCGTAGCGGAACCAAG
TGGGTCCACGTTAGCTGTGCTCTGTGGATCCCTGAGGTGAGCATTGGCAGCCCAGAGAAGATGGAGCCC
ATCACCAAGGTGTACACATTTCCCAGCAGCCGGTGGGCGCTAGTGTGCAGCCTCTGCAATGAGAAGTTT
GGGGCCTCTATACAGTGCTCTGTGAAGAACTGCCGCACAGCCTTCCATGTGACCTGTGCTTTTGACCGG
GGCCTGGAGATGAAGACCATCTTAGCAGAGAATGATGAAGTCAAGTTCAAGTCTATTGCCCAAAGCAC
AGCTCACATAGGAAACCCGAGGAGAGTCTTGGCAAGGGGGCTGCACAGGAGAATGGGGCCCTGAGTGT
TCCCCCGGAATCCGCTGGAGCCCTTTGCCAGCCTTGAGCAGAACCAGGAGGAGGCCACCGGGTGAGT
GTCCGTAAAGCAGAAGCTGCAGCAGTTGGAGGATGAGTTCTACACCTTCGTCAACCTGCTGGATGTTGCC
AGGGCTCTGCGGCTGCCTGAGGAAGTAGTGGATTCTGTACCAGTACTGGAAGTTGAAGAGGAAGGTC
AACTTCAACAAGCCCTGATCACCCAAAGAAAGATGAAGAGGACAATCTAGCCAAGCGGGAGCAGGAT
GTCTTATTTAGGAGGCTGCAGCTGTTACGCACCTGCGGCAGGACCTGGAGAGGGTAATGATTGACACT
GACACCTTAGTAG
  
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Restriction Sites:	SgfI-MluI
ACCN:	NM_001287441
Insert Size:	1530 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001287441.1
RefSeq Size:	4083 bp
RefSeq ORF:	1530 bp
Locus ID:	79960
UniProt ID:	Q6IE81
Cytogenetics:	4q28.2
Protein Families:	Druggable Genome, Transcription Factors
MW:	58.4 kDa
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 (6) differs in the 5' UTR, lacks two exons, and its 3'-terminal exon extends past a splice site that is used in variant 1. The encoded isoform (2) has a shorter and distinct C-terminus, compared to isoform 1. Variants 2 and 6 encode the same isoform.