

## Product datasheet for **SC114890**

### PHF16 (JADE3) (NM\_014735) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PHF16 (JADE3) (NM_014735) Human Untagged Clone
Tag:	Tag Free
Symbol:	PHF16
Synonyms:	JADE-3; PHF16
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL4</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC114890 sequence for NM\_014735 edited (data generated by NextGen Sequencing)

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ATGAAACGCCATAGGCCTGTCAGCAGCAGTGACAGTTCAGACGAAAGTCCTTCCACTTCC
TTTACTTCTGGCTCAATGTATAGGATCAAGTCAAAAATCCAAATGAACACAAGAAACCT
GCTGAGGTATCCGGAAGGACCTCATCAGTGCCATGAACTTCCAGATTCTCACCACATT
AATCCTGATAGCTATTACCTCTTTGCTGATACATGGAAGGAAGAATGGGAAAAGGGAGTC
CAGGTACCAGCCAGTCCAGACACCGTTCCACAGCCTTCTCTCAGGATTATAGCTGAGAAG
GTAAAGGACGTTCTGTTTATCCGACCCCGAAGTATATTCACTGCTCCAGCCAGACACC
ACAGAGCCTGGCTACATCAACATCATGGAGTTGGCAGCATCTGTTTGCCGCTATGACCTA
GATGACATGGACATCTTCTGGCTTCCAGGAACTCAATGAAGACCTTGCAGAAATGGGTTGT
GGGCCAGTTGATGAGAATCTTATGGAAAAGACAGTAGAAGTCTTGGAACGCCATTGCCAT
GAAAATATGAACCATGCTATTGAGACAGAGGAAGGGCTAGGCATAGAGTATGATGAAGAT
GTGATCTGTGATGTGTGCCGGTCTCCAGACAGTGAAGAAGGGAATGATATGGTGTCTGT
GATAAGTGTAACTGTGTGCATCAGGCCTGCTATGGCATCCTCAAGGTCCCAGAAGGC
AGCTGGCTGTGTGCTCCTGTGTCTGGGCATTTATCCGCAATGTGTGTTATGTCCAAG
AAAGGTGGAGCCCTGAAGACCACCAAGACAGGGACTAAATGGGCTCATGTGAGCTGTGCC
CTGTGGATCCCAGAGGTGAGCATTGCTTGTCTGAGAGGATGGAACCGATCACGAAGATC
TCCCACATCCCACCCAGTCGGTGGGCCTTAGTCTGCAACTTGTGCAAGTTGAAGACGGGG
GCTTGTATTCAAGTGTCTATAAAAAGCTGCATCACTGCCTTCCACGTACCTGTGCCCTT
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AGGGCTAAAGAGCAGAGCCAGGCCAAAAGTGAAGAAAACAGCCTCGGGGCACAGAAGCTT
CGGGAGTGGAGGAGGATTCTATTCTTGGTACGAGTGAAGATGTGGCCGACAGAGCTG
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GTGCCCTCAGGAGTCACTAGAAATGAGAACAAAATCGTATCCGAGATACCCACTAGAGAGC
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CCTGCTTGGAGAACCCCGTCTCGGAGTGTATCATGGGCAGTCACTGGGAAAGCCTCTG
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TCCAAGTTTGCCAAATCCAATGGCCTGGAGGGCAGCTGGTCTGGGAATGTACCCAAAAA
GACAGCTCGAGTGAAGATGTTCTGTGACCAGGAGCCTGTGTTACGCCCCACTTGGTCAGT
CAGGGCAGCTTTAGAAAATCCACTGTAGAACACTTTAGTAGGTCCTTTAAAGAGACCACC
AATAGGTGGTGAAGAACACAGAGGACCTCCAGTGCTATGTGAAGCCAACCAAGAATATG
AGCCCAAGGAGCAGTTCTGGGGTAGACAGGTTCTCAGGCGGTCTGCAGGGAGAGCTCCA
TATCAGGAAAATGATGGCTATTGCCAGATTTGGAGCTGAGTGATTGAGGCGAGAAAGT
GATGGGAATAAGAAAAGTCAAGGTAAGGAAAGATAGCTCAGACAGGAAAAATCCTCCC
CATGACTCTAGACGGATTGCCATGGTAAAAGCAAGACACATCCCTTTCCACAGTTCA
ATGCAAAGGTGA
    
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Clone variation with respect to NM\_014735.3

**5' Read Nucleotide Sequence:** >OriGene 5' read for NM\_014735 unedited  
GGCGGCCCGCAATTCGCACGAGGGGGCGGTTACCACTCCGACCGGACTCACCCGGCAC  
ATTGCCGGGCCGCGCGTGGAGCCGGCAGGAGCCGCGAGCCAGCTGCGCGAAGGATGCT  
CCAGGATGAAACGCCATAGGCCTGTCAGCAGCAGTGACAGTTCAGACGAAAGTCTTCCA  
CTTCTTTACTTCTGGCTCAATGTATAGGATCAAGTCAAAAATTCCAAATGAACACAAGA  
AACCTGCTGAGGTATTCGGAAGGACCTCATCAGTGCCATGAAACTCCAGATTCTCACC  
ACATTAATCCTGATAGCTATTACCTCTTTGCTGATACATGGAAGGAAGAATGGGAAAAGG  
GAGTCCAGGTACCAGCCAGTCCAGACACCGTTCCACAGCCTTCTCTCAGGATTATAGCTG  
AGAAGGTAAGGACGTTCTGTTTATCCGACCCCGAAGTATATCACTGCTCCAGCCAG  
ACACCACAGAGCCTGGCTACATCAACATCATGGAGTTGGCAGCATCTGTTTGCCGCTATG  
ACCTAGATGACATGGACATCTTCTGGCTTCAGGAACTCAATGAAGACCTTGCAGAAATGG  
GTTGTGGCCAGTTGATGAGAATCTTATGGAAAAGACAGTAGAAGTCTGGAACGCCATT  
NGCCATGAAATATGAACCATGCTATTGAGACAGAGGAAGGGCTANGCATAGAGTATGATG  
AAGATGTGATCTGTGATGTGTGCCGGTCTCCAGACAGTGAAGAAGGGATGATATGGTNGT  
CTGTGATAGTGGTACGTCTGGGTGCATCAGCCTGCTATGCATCTCAAGTCCANAAGGCAC  
TGCTGGTCNCTCTGTGTCTGGGCATTATCGCATGTGTTTATGTCCAAGAAGGTGGAGCC  
CTGAGACACAAN

**3' Read Nucleotide Sequence:** >OriGene 3' read for NM\_014735 unedited  
TGGACCGCGGCCCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTGCAGTTTTTCATA  
ATTTAATGAAAAAGTATTGGTAAAAAGGGGACATTTGAAAAAGGACTGAGCTTATCTTGG  
AAAAGTGGACTATATAAGACAAAATGAAAAAATTAACAAAGAAGTTAAGAGGTAATAC  
TTCAAACAACAAAATGTAGCAAATACATTTTGGGTAATTGAAATTTACAAGTGAAGGCT  
CCTTCATTTACCTAGGAATATCCTGTAAAAATATTACAATATATTTCCCTGACGAATGA  
TATTTTAGTCAATACTCTCCAATGGCATTACATATGGAATTTGGCTGAAGCACTGTTTT  
GATGTTTGCTTTTCTCCACTCAGAAATTGAAAGGCATGAAGGGACAAAGGCTACCGCAC  
TGGCCTCTGACATAAGGAATTTAACACAGCTCCATCATAATTTCAATACCATGAAGGT  
ATCAAATTAATATCTACTCCACAGAAGTCAAAGAAAAGCACAGAAAACCTAGTGCATAAA  
TAGGGGAAATTTCTTCTCATTGATAGTTTTTTTCCACAAAATACAGGACACCTA  
CCACACATGCTATGGCATGTTTACACATGTACATAGGCACAAAAGAAATATTTTGAAGAT  
GTAGCCAAAAGAGAGGCACAACACATACCTTTTTTTCAGACAAGGAGATAGCAAAAAGCAAA  
GGAACCCATTAACAACGCTACAAGACCACAAGTGGGGGAGACGAAAAGTCTGAGGTTTC  
TATATTGACGGACAGAGGGCCCTCGCTTGACTGACTGCCCTACTACAAGTGGGCTGTT  
TTACCAGTAAAAGCTTACAAGGCAAAATGGCCTCCTTTGTCTGAAATTTCCATATACCTT  
CCAAACTACACAAGAGATTTTAATCCACGCTAACAAAACACAAGCCGAAATTATANCCGC  
TTCAACTCAAAAAGCATATTTTCTTATTACAGAAACCACTGTCTTTTCN

**Restriction Sites:** NotI-NotI

**ACCN:** NM\_014735

**Insert Size:** 5150 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).

<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>	<a href="#">NM_014735.2</a> , <a href="#">NP_055550.1</a>
<b>RefSeq Size:</b>	4935 bp
<b>RefSeq ORF:</b>	2472 bp
<b>Locus ID:</b>	9767
<b>UniProt ID:</b>	<a href="#">Q92613</a>
<b>Cytogenetics:</b>	Xp11.3
<b>Domains:</b>	PHD
<b>Protein Families:</b>	Druggable Genome, Transcription Factors
<b>Gene Summary:</b>	<p>This gene encodes a member of a family of large proteins containing PHD (plant homeo domain)-type zinc fingers. The encoded protein may be associated in a nuclear complex that functions in histone H4 acetylation. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq, Aug 2013]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 encode the same protein.</p>