

## Product datasheet for **MC221917**

### Jade3 (NM\_199317) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Jade3 (NM_199317) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Jade3
Synonyms:	5730598B06; AI851988; AW544806; mKIAA0215; Phf16
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221917 representing NM\_199317  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGATGAAACGGCATAGACCTGTGACGAGCAGTGAGAGTTCAGATGAGTGTCTTCCACTTCTTTACTT  
 CTAGCTCAATGTATAGGAAGAAGTCAAAAAATCCTAAGGAACAGAAGAAGTCTGCTGAGGTATCCGAAA  
 GGACCTCATCAGTGCCATGAAAATTCCTGACTCTCACCATGTTAATCCTGACAGCTATTACCTCTTTACT  
 GACACATGGAAAGAAGATGGGAAAAAGGAGTCCAAGTACCAGCCAATCCAGACTCTGTTCCAACGCCGT  
 CTCTCAGGATTATCTGAAAAAGTAAAGGAGATGCTTTTTGTCCGGCCCCGAAATATATCCGTTGCTC  
 CAGCCCAGAGTCTGCAGAACCTGGCTATATCAATACCCTGGAGCAAGCAGCATCTACATGCCGTATGAC  
 CTAGATGACATGGATATCTTTGGCTTCAGGAACCTCAATGAAGACCTGGAGAAATGGGTATGGCCCAA  
 TTGATGAGACTCTTATGAAAAGACAATAGAAGTCTGGAACGCCACTGCCATGAAAATATGAACCATGC  
 TATTGAAACAGTGAAGGGCTAGGAATAGAATATGATGAAGATGTGATCTGTGATGTGTGCCGGTCTCCA  
 GACAGTGAAGAAGGAATGATATGGTATTCGTGATAAGTGAACGTCTGTGTACATCAGCTTGCTATG  
 GCATTCTCAAGATTCCAGAAGGTAGTTGGCTGTGCCGCTCCTGTGTCTGGGCATTTATCCACAGTGTGT  
 TTTATGTCTAAGAAAGGTGGAGCCATGAAGACCACAGAACAGGGACTAAATGGGCTCATGTACAGTGT  
 GCCCTGTGGATTCCAGAAGTCAAGTATCGCTTGTCTGAGAGAAATGGAGCCTGTCAAAAAATCTCCATA  
 TCCCACCTAGCCGGTGGGCCTTAGTTTGAACCTGTGCAAGTTGAAGACAGGGGCTTGTATTCAAGTGTCT  
 TGTGAAAAGCTGTACTGCTTTTCAATGTACCTGTGCTTTGAGCACGGCCTGAAATGAAGACCATC  
 CTAGATGAGGGGATGAAGTAAAGTTCAAGTCAATTTGCCTCAAGCATAGCCAAAAACAAGCCAAAACTTG  
 GGGACGCCGAGTACCACCACACAGAGTCGCCGAGCAGGCCAGGCAAAAAGTGAAGAACCCAGCTACG  
 GGCACAGAAGCTTCGTGAACTAGAAGAAGATTCTATACCTTAGTCCAGGTAGAAGATGTTGCCAAAGAG  
 ATGGAGTTATCTGCGTTCAGTGTGATTTTATCTATAACTACTGGAAACTAAAGCGCAAAAAGCAACTTCA  
 ATAAGCCATTAATCCCCAAAAGAAGAGGAAGAAAATGGCTTGGTTAGCCAAAAGAAGAAAGCATTCA  
 CACTCGGATGAGAATGTTTATGCATCTGCGGCAGGACCTTGAGAGGGTCCGAAATCTGTGTACATGATA  
 AGCAGACGAGAGAAGCTGAAACTATCACACACAAAGTGCAGGAACAGATTTTGGTTTGAAGTCCAGC  
 TTATCAATGAAGAAATTACAGAAGGACTTTCTTTGACAAATGCACTAGAGAACTCACTGTTTTATCCACC  
 ACCACGAATTACCTTAAAGTTAAAAATGCCTAAATCAACCTCAGAAGATTGCAAAGACAGCTCCACAGAA  
 ACTGAACACCAACTCTGCTCCTGGCAGCAGCTCCCCTGGTCAAGTAAAAGGAGCCCTCAGATGCCTG  
 AGGAACCACTGGATATGAATGTGAAAATATATCCAAGATATCCACTAGAAAGCAAAAAGTAACTGTTGCA  
 GACTAGCCGAAGCCATTCTCGATGTGAAACCAAGAGCTCCAGTCTACTCCGAGAGCTCCATCTGCAGAA  
 TTCTATCATGGGCAATCACTAGGGAAGCCTCTGGCCCTCAGGCTGCCCTCCATGGACAGGTGTCTATTG  
 GTAATGGGAAGAATCAGCCTAACTCCAGGGTTTCTAGTTCCAATGGCCTGGAGGGCAACTGGTCTGGGAA  
 CATCACCCAGAAAGTTAATTCAAGTGAAGTGTGCTATGACCAGGAGTCCATGCTCAGTCCCCTTACCC  
 AGTCCAGGCAACATTAGAAAATCTAGCATGGAACATTTCAAGCAGGTCCTCAAGGAGGCCACCAATACAT  
 GGGTGAAGCCTACTGAGGACCTCCAGTACTGTGTTAAGCCAATAAGAAATGTGAGCTCTAAGGAGCAGTT  
 GTGGGGTAGACAGCTTCTCAGGCGTCCCACAGGAAGAGCTTCATATCAGGAAACTGATGGCTATTGCCCT  
 GATTTGGAGCCCAGTGATTGAGAAGCAGAAGGGGAGGGGAGTAAAGAAAACCAAGGGTAAAGAGAGAGA  
 GTTCTGACAGAGAAAATCCTTCCATGATTCTGTCTGGGAGTGCCATGGGAAAACCAAGACACACCTCA  
 TCCCACAGCTCAATGCAAAGGTGA

**ACGGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_199317  
**Insert Size:** 2475 bp

<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>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>	<a href="#">NM_199317.2</a> , <a href="#">NP_955021.2</a>
<b>RefSeq Size:</b>	4884 bp
<b>RefSeq ORF:</b>	2475 bp
<b>Locus ID:</b>	382207
<b>UniProt ID:</b>	<a href="#">Q6IE82</a>
<b>Cytogenetics:</b>	X A1.3
<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.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longer 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.</p>