

Product datasheet for **MC228763**

Jade3 (NM_001289684) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Jade3 (NM_001289684) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Jade3
Synonyms:	5730598B06; AI851988; AW544806; mKIAA0215; Phf16
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228763 representing NM_001289684
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTTTTTGTCCGGCCCCGAAATATATCCGTTGCTCCAGCCCAGAGTCTGCAGAACCTGGCTATATCA
 ATACCCTGGAGCAAGCAGCATCTACATGCCGCTATGACCTAGATGACATGGATATCTTTTGGCTTCAGGA
 ACTCAATGAAGACCTTGAGAAATGGGTTATGGCCCAATTGATGAGACTCTTATGAAAAAGACAATAGAA
 GTTCTGGAACGCCACTGCCATGAAAATATGAACCATGCTATTGAAACAGTGAAGGGCTAGGAATAGAAT
 ATGATGAAGATGTGATCTGTGATGTGTGCCGCTCCAGACAGTGAAGAAGGGAATGATATGGTATTCTG
 TGATAAGTGAACGTCTGTGTACATCAGGCTTGCTATGGCATTCTCAAGATTCCAGAAGGTAGTTGGCTG
 TGCCGCTCCTGTGCTGGGCATTTATCCACAGTGTGTTTTATGCCTAAGAAAGGTGGAGCCATGAAGA
 CCACCAGAACAGGACTAAATGGGCTCATGTCAGCTGTGCCCTGTGGATTCCAGAAGTCAGTATCGCTTG
 TCCTGAGAGAATGGAGCCTGTCACAAAAATCTCCCATATCCACCTAGCCGGTGGGCCTTAGTTTGAAC
 CTGTGCAAGTTGAAGACAGGGGCTGTATTTCAGTGCTCTGTGAAAAGCTGTATCACTGCCTTTCATGTCA
 CCTGTGCCTTTGAGCACGGCCTGGAAATGAAGACCATCCTAGATGAGGGGATGAAGTAAAGTTCAGTC
 ATTTTGCCTCAAGCATAGCCAAAACAAGCCAAAACCTTGGGGACGCCGAGTACCACCACCAGAGTCGCC
 GAGCAGAGCCAGGCAAAAAGTGAGAAAACCAGCCTACGGGCACAGAAGCTTCGTGAACTAGAAGAAGAA
 TCTATACCTTAGTCCAGGTAGAAGATGTTGCCAAAAGAGATGGAGTTATCTGCGTTCACTGTGATTTTAT
 CTATAACTACTGGAACTAAAGCGCAAAAGCAACTTCAATAAGCCATTAAATCCCCAAAAGAAGAGGAA
 GAAATGGCTTGGTTCAGCCAAAAGAAGAAAGCATTACACTCGGATGAGAATGTTTATGCATCTGCGGC
 AGGACCTTGAGAGGGTCCGAAATCTGTGCTACATGATAAGCAGACGAGAGAAGCTGAAACTATCACACAC
 CAAAGTGCAGGAACAGATTTTTGGTTTGCAGTCCAGCTTATCAATGAAGAAATTACAGAAGGACTTTCT
 TTGACAAATGCACTAGAGAACTCACTGTTTTATCCACCACCAGCAATTACCTTAAAGTAAAAATGCCTA
 AATCAACCTCAGAAGATTGCAAAGACAGCTCCACAGAACTGAACACCAACTCTCGTCTCCTGGCAGCAG
 CTCCCCTGGTCACAGTAAAAGGAGCCCTCAGATGCCTGAGGAACCACTGGATATGAATGTGAAAATATAT
 CCAAGATATCCACTAGAAAGCAAAGTAACTGTTTGCAGACTAGCCGAAGCCATTCTCGATGTGAAACCA
 AGAGCTCCAGTCTACTCCGAGAGCTCCATCTGCAGAATTCTATCATGGGCAATCACTAGGGAAGCCTCT
 GGCCCTCAGGCTGCCCTCCATGGACAGGTGTCTATTGGTAATGGGAAGAATCAGCCTAACTCCAGGGT
 TCTAGTTCCAATGGCCTGGAGGGCAACTGGTCTGGGAACATCACCCAGAAAGTTAATTCAAGTGAGGTGT
 GCTATGACCAGGAGTCCATGCTCAGTCCCACTTACCCAGTCCAGGCAACATTAGAAAATCTAGCATGGA
 ACATTTACAGCAGGTCTTCAAGGAGGCCACCAATACATGGGTGAAGCCTACTGAGGACCTCCAGTACTGT
 GTTAAGCCAATAAGAATGTGAGCTCTAAGGAGCAGTTGTGGGTAGACAGCTTCTCAGGCGTCCCACAG
 GAAGAGCTTCATATCAGGAACTGATGGCTATTGCCCTGATTTGGAGCCCAGTGATTGAGAAGCAGAAGG
 GGAGGGGAGTAAAGAAACACCAAGGGTAAAGAGAGAGAGTTCTGACAGAGAAAATCCTTCCCATGATTCT
 GCTCGGGAGTGCCATGGGAAAACCAAGACACACCTCATTCCACAGCTCAATGCAAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001289684
Insert Size: 2163 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).

OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<ol style="list-style-type: none">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_001289684.1</u> , <u>NP_001276613.1</u>
RefSeq Size:	5009 bp
RefSeq ORF:	2163 bp
Locus ID:	382207
Cytogenetics:	X A1.3
Gene Summary:	<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 (2) contains an alternate exon in the 5' region and initiates translation at a downstream start codon, compared to variant 1. This results in a protein (isoform 2) that has a shorter N-terminus, compared to 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>