

Product datasheet for **MC221971**

Jade1 (NM_001130186) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Jade1 (NM_001130186) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Jade1
Synonyms:	AU041499; D530048A03Rik; mKIAA1807; Phf17
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC221971 representing NM_001130186
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAACGAGGTGCCTTCCCAGCAGCAGTGAGGATTCTGACGACAATGGCAGCTTGTCAACGACATGGT
 CCCAGCATTCTCGATCCCAGCATGGGAGGAGTAGTACCTGCTCTAGACCTGAAGATCGAAAAGCCTTCTGA
 GGTGTTTAGGACCGACCTGATCACTGCCATGAAGTTGCATGACTCCTACCAGCTGAACCCGGATGACTAC
 TACGTGCTGGCTGATCCCTGGAGACAGGAGTGGGAGAAAGGGTCCAGGTGCCTGTGAGCCAGGGACCA
 TCCCACAGCCTGTGGCCAGGTTGTGTCTGAAGAGAAGTCTCTCATGTTTCATCAGGCCAAAGAAGTACAT
 CGCGTCGTCGGCTCTGAGCCCCAGCGTTAGGCTACGTCGATATCCGGACTCTGGCAGACAGTGTGTGT
 CGGTATGACCTCAATGATATGGATGCTGCGTGGCTGGAAGTAACCAATGAAGAATTAAGGAGATGGGGA
 TGCCGGAGCTGGACGAGTACCCATGAAAAGGGTCTTGGAGGAATCGAACAGCGATGCTATGACAATAT
 GAATCATGCCATAGAGACAGAAGAGGGCTTGGGGATTGAATACGACGAAGACGTTGTCTGGATGTCTGC
 CAGTCACCTGATGGCGAGGACGGCAACGAGATGGTGTCTGTGACAAGTGAACATCTGTGTGCACCAGG
 CTTGCTATGGGATCCTCAAGGTGCCAGAGGGCAGTTGGCTATGTGCTACATGTGCCCTGGGAGTTACGCC
 AAAATGTTTGTGTGTGCCAAGAAAGGCGGAGCTATGAAGCCGACCCGCAGCGGAACCAAGTGGTCCAC
 GTCAGCTGTGCCCTGTGGATCCCTGAGGTAAGCATTGGCAGCCCTGAGAAGATGGAGCCCATCACAAAAG
 TGTCTCACATCCCAGCAGCCGGTGGCGCTTGTGTGCAGCCTCTGCAATGAGAAATTCGGGGCCTCCAT
 ACAGTGTCTGTGAAGAACTGCCGGACAGCCTTCCACGTGACTTGTGCTTTTGACCGTGGCTGGAGATG
 AAGACCATATTGGCAGAGAATGATGAAGTCAAATCAAGTCTACTGCCCAAAGCACAGCTCACACAGAA
 AACCCGAGGAGGGCCTGGGTGAAGGAGCAGCCAGGAGAATGGGGCCCTGAGAGTTCTCCCCAGGCC
 TCTGGAGCCCTATGGTAGTCTGGAGCCGAATCGAGAGGAGGCCACCCGGGTGAGTGTTCGCAAGCAGAAG
 CTACAGCAGCTGGAGGATGAGTTCTACACCTTTGTCAACCTGCTGGATGTGGCCAGGGCGCTGCGGCTGC
 CTGAGGAAGTGGTGGATTTCTGTACCAGTACTGGAAGTTGAAGAGGAAGATCAACTTCAACAAGCCCT
 CATCACCCCAAAGAAAGACGAAGAGGACAATCTAGCCAAGCGGGAGCAGGATGTCTTGTAGGAGGCTG
 CAGCTGTTACGCACCTGCGGCAGGACCTGGAGAGGGTTCGGAACCTCACTTACATGGTGACCCGCAGGG
 AAAAGATTAACGGTCTGTGTGCAAAGTCCAGGAACAAATTTTCACTCAGTACACTAAGCTCTTGGAGCA
 AGAAAAAGTTTCAGGTGTGCCTTCTTCTGCTCCTCCGCACTGGAGAACATGCTTTTTTTCAACAGTCT
 TCTGTGGGCCCAATGCTCCCAAGATAGAGGACTTGAAATGGCATTCTGCATTCTCAGGAAACAAATGG
 GCACTTCTTGGTTCATCCACTGAAAAAGTCCCATAAACGAGATGCAAGTGCAGAATAGTTCTGGGACCGA
 GGGCAAGACCTCGCATAAGCAGCCAGGTCTTTGTGGTAGAAGGGAGGGGCTGGAGGTCTCAGAAAGCTTG
 CTGAGCTTAGAAAAGACTTTTGCAGAAGCACGTCTCCTATCATCAGCACAAACAGAAAAATGGTGTGGTGA
 CCCCAGACCATGGGAAAAGAAGAGACAATCGTTTTTCATTGTGATCTCGTTAAAGGAGACTTAAAGGACAA
 ATCTTTTAAGCAGAGTCAACAAGCCTCTCAGGTCCACAGACACATCCCAGAGGCATCTGGACAACACAAGA
 GCTGCCACCTCCCTGGAGTAGGGCAGTCAGCACCTGGCACCAGGAAGGAGATTGTGCCAAAGTGAATG
 GCTCCCTAGTCAAAGTGCCTATAACACCTGCCAGCCCAGTGAAAAGCTGGGGAGGATTCCGGATTCCAAA
 GAAGGGGAGCGGCAGCAGCAAGGAGAAGCCCATGATGGGGCTGCCACCAGCACTCAGACTGCTCCCAT
 CTGGGTGTAAGCCGAGCTCCAGCCAAGGAGAGAGCGAAGAGCAGGTTAAGAGCTGACAGTGAGAATGATG
 GGTACGCCCTGATGGGAAATGAGTGACTCAGAGAGCGAGGCATCAGAGAAGAAATGTATCCATGCCAG
 CAGCACCATCAGCAGGAGGACAGATATCATCAGGCGAAGCATCTTGGCCTCT**TGA**

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001130186
Insert Size: 2505 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:	<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:	NM_001130186.1 , NP_001123658.1
RefSeq Size:	5524 bp
RefSeq ORF:	2505 bp
Locus ID:	269424
UniProt ID:	Q6ZPI0
Cytogenetics:	3 B
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. 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 (By similarity). [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (4) differs in the 5' UTR compared to variant 1. All four variants encode the same protein.</p>