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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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAAACGAGGTCGCCTTCCCAGCAGCAGTGAGGATTCTGACGACAATGGCAGCTTGTCAACGACATGGT
CCCAGCATTCTCGATCCCAGCATGGGAGGAGTAGTACCTGCTCTAGACCTGAAGATCGAAAGCCTTCTGA
GGTGTTTAGGACCGACCTGATCACTGCCATGAAGTTGCATGACTCCTACCAGCTGAACCCGGATGACTAC
TACGTGCTGGCTGATCCCTGGAGACAGGAGTGGGAGAAAGGGGTCCAGGTGCCTGTGAGCCCAGGGACCA
TCCCACAGCCTGTGGCCAGGGTTGTGTCTGAAGAGAAGTCTCTCATGTTCATCAGGCCCAAGAAGTACAT
CGCGTCGTCCGGCTCTGAGCCCCCAGCGTTAGGCTACGTCGATATCCGGACTCTGGCAGACAGTGTGTGT
CGGTATGACCTCAATGATATGGATGCTGCGTGGCTGGAAGTAACCAATGAAGAATTTAAGGAGATGGGGA
TGCCGGAGCTGGACGAGTACACCATGGAAAGGGTCTTGGAGGAATTCGAACAGCGATGCTATGACAATAT
GAATCATGCCATAGAGACAGAAGAGGGCTTGGGGATTGAATACGACGAAGACGTTGTCTGCGATGTCTGC
CAGTCACCTGATGGCGAGGACGGCAACGAGATGGTGTTCTGTGACAAGTGTAACATCTGTGTGCACCAGG
CTTGCTATGGGATCCTCAAGGTGCCAGAGGGCAGTTGGCTATGTCGTACATGTGCCCTGGGAGTTCAGCC
AAAATGTTTGCTGTGTCCCAAGAAAGGCGGAGCTATGAAGCCGACCCGCAGCGGAACCAAGTGGGTCCAC
GTCAGCTGTGCCCTGTGGATCCCTGAGGTAAGCATTGGCAGCCCTGAGAAGATGGAGCCCATCACAAAAG
TGTCTCACATTCCCAGCAGCCGGTGGGCGCTTGTGTGCAGCCTCTGCAATGAGAAATTCGGGGCCTCCAT
ACAGTGCTCTGTGAAGAACTGCCGGACAGCCTTCCACGTGACTTGTGCTTTTGACCGTGGCCTGGAGATG
AAGACCATATTGGCAGAGAATGATGAAGTCAAATTCAAGTCCTACTGCCCAAAGCACAGCTCACACAGGA
AACCCGAGGAGGGCCTGGGTGAAGGAGCAGCCCAGGAGAATGGGGCCCCTGAGAGTTCTCCCCAGAGCCC
TCTGGAGCCCTATGGTAGTCTGGAGCCGAATCGAGAGGAGGCCCACCGGGTGAGTGTTCGCAAGCAGAAG
CTACAGCAGCTGGAGGATGAGTTCTACACCTTTGTCAACCTGCTGGATGTGGCCAGGGCGCTGCGGCTGC
CTGAGGAAGTGGTGGATTTCCTGTACCAGTACTGGAAGTTGAAGAGGAAGATCAACTTCAACAAGCCCCT
CATCACCCCAAAGAAAGACGAAGAGGACAATCTAGCCAAGCGGGAGCAGGATGTCTTGTTTAGGAGGCTG
CAGCTGTTCACGCACCTGCGGCAGGACCTGGAGAGGGTTCGGAACCTCACTTACATGGTGACCCGCAGGG
AAAAGATTAAACGGTCTGTGTGCAAAGTCCAGGAACAAATTTTCACTCAGTACACTAAGCTCTTGGAGCA
AGAAAAAGTTTCAGGTGTGCCTTCTTCCTGCTCCTCCGCACTGGAGAACATGCTTTTTTTCAACAGTCCT
TCTGTGGGCCCCAATGCTCCCAAGATAGAGGACTTGAAATGGCATTCTGCATTCTTCAGGAAACAAATGG
GCACTTCCTTGGTTCATCCACTGAAAAAGTCCCATAAACGAGATGCAGTGCAGAATAGTTCTGGGACCGA
GGGCAAGACCTCGCATAAGCAGCCAGGTCTTTGTGGTAGAAGGGAGGGGCTGGAGGTCTCAGAAAGCTTG
CTGAGCTTAGAAAAGACTTTTGCAGAAGCACGTCTCCTATCATCAGCACAACAGAAAAATGGTGTGGTGA
CCCCAGACCATGGGAAAAGAAGAGACAATCGTTTTCATTGTGATCTCGTTAAAGGAGACTTAAAGGACAA
ATCTTTTAAGCAGAGTCACAAGCCTCTCAGGTCCACAGACACATCCCAGAGGCATCTGGACAACACAAGA
GCTGCCACCTCCCCTGGAGTAGGGCAGTCAGCACCTGGCACCAGGAAGGAGATTGTGCCCAAGTGCAATG
GCTCCCTAGTCAAAGTGCCTATAACACCTGCCAGCCCAGTGAAAAGCTGGGGAGGATTCCGGATTCCAAA
GAAGGGGGAGCGGCAGCAGCAAGGAGAAGCCCATGATGGGGCCTGCCACCAGCACTCAGACTGCTCCCAT
CTGGGTGTAAGCCGAGCTCCAGCCAAGGAGAGAGCGAAGAGCAGGTTAAGAGCTGACAGTGAGAATGATG
GGTACGCCCCTGATGGGGAAATGAGTGACTCAGAGAGCGAGGCATCAGAGAAGAAATGTATCCATGCCAG
CAGCACCATCAGCAGGAGGACAGATATCATCAGGCGAAGCATCTTGGCCTCTTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001130186

Insert Size: 2505 bp

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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.
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:	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] Transcript Variant: This variant (4) differs in the 5' UTR compared to variant 1. All four variants encode the same protein.

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