OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC221970

Jade1 (NM_001130184) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Jade1 (NM_001130184) 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)

View online »

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

Fully Sequenced ORF:

>MC221970 representing NM_001130184
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_001130184

Insert Size: 2505 bp

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
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_001130184.1, NP_001123656.1
RefSeq Size:	5486 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 (2) differs in the 5' UTR compared to variant 1. All four variants encode the same protein.

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US