

Product datasheet for **RC239667**

PHF17 (JADE1) (NM_001287440) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PHF17 (JADE1) (NM_001287440) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	JADE1
Synonyms:	PHF17
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide
Sequence:

>RC239667 representing NM_001287440
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAACGAGGTCGCCTCCAGCAGCAGTGAGGATTCTGACGACAATGGCAGCCTGTCACTACTTGGT
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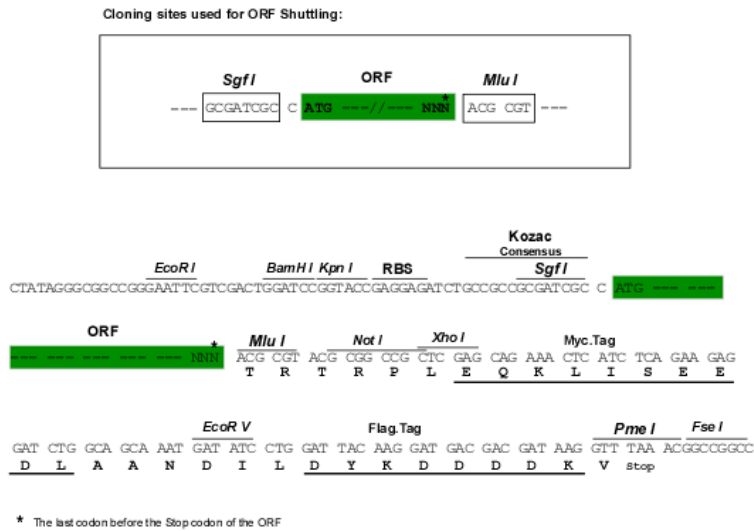
Protein Sequence: >RC239667 representing NM_001287440
Red=Cloning site Green=Tags(s)

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ATSPGVGQSAPGTRKEIVPKCNGSLIKVNYNQTAVKVPTTPASPVKNWGGFRIPKKGERQQQGEAHDGAC
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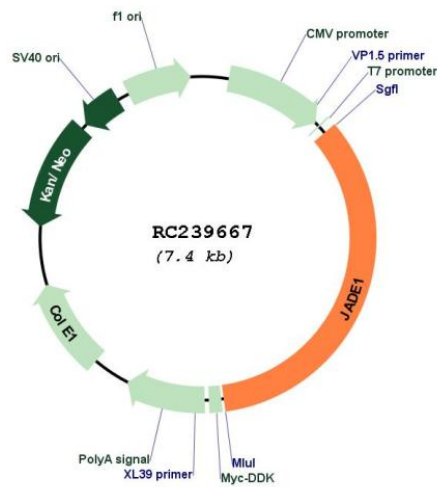
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Restriction Sites: Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN:	NM_001287440
ORF Size:	2526 bp
OTI Disclaimer:	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
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001287440.2
RefSeq Size:	5687 bp
RefSeq ORF:	2529 bp
Locus ID:	79960
UniProt ID:	Q6IE81
Cytogenetics:	4q28.2
Protein Families:	Druggable Genome, Transcription Factors
MW:	96 kDa
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. [UniProtKB/Swiss-Prot Function]