

Product datasheet for **RN207004**

Jmjd8 (NM_001014116) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Jmjd8 (NM_001014116) Rat Untagged Clone
Tag: Tag Free
Symbol: Jmjd8
Synonyms: RGD1307381
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN207004 representing NM_001014116
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTCATGGCGCGGCTGGACGATTCGGTCTGCTTTTGCTCATTGTACTATGGACGATGGTGACTGTGG
TTCTGCCTGCCTCTGGCGAAGGGGGATGAAAACAGAGTAGGCTGGGAACGAAGCAGCGGTGATGGAGGA
GGAACGTTGCACAGTCGAGCGCCGAGCACACCTCACGTAATTTATGCAGCACTATGCCTTCCTC
AAGCCCGTCATCTTGAAGGACTCACAGACAACCGAAGTTCAGAGCCCTGTGTTCCCGGAAAACCTGC
TGGCCTCGTTTGGGACAATGTTGTTGCTTGGTACAGCAACACCTACTCCTACCAGAAAGTGGACCT
GCCTTCCAGGAATATGTGGAGCAGCTGCTGCACCCCGAGACCCGAATCTCTAGGCAATGACACCCTG
TACTTTTTCGGAGATAACAACCTTACTGAGTGGGCCCCACTCTTCCAACATTACCGTCCACCTCCATTTT
GTCTACTGGGAACCACCCTGCTTATAGCTTTGGAATTGCAGGAGCTGGATCTGGGGTACCTTCCACTG
GCATGGGCTGGTTTCTCAGAGTTATCTATGGTCGGAAGCGCTGGTTCTTACCTCCTGAGAAGACA
CCTGAGTTCACCTAACAAGACCAGTTGGCTGGCTCCTGAAATATACCCATCTCTAGCCCCATCAG
CTCGGCCCTCTAGAATGTACCATCCAGGCTGGTGAAGCGCTGTACTTTCCTGATCGGTGGTGGCATGCCAC
ACTCAATCTGGACACCAGTGTCTTCATATCCACTTTCCTGGC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001014116
Insert Size: 816 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:	<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_001014116.1</u> , <u>NP_001014138.1</u>
RefSeq Size:	2225 bp
RefSeq ORF:	816 bp
Locus ID:	360498
UniProt ID:	<u>Q6AY40</u>
Cytogenetics:	10q12
Gene Summary:	Functions as a positive regulator of TNF-induced NF-kappaB signaling. Regulates angiogenesis and cellular metabolism through interaction with PKM.[UniProtKB/Swiss-Prot Function]