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Product datasheet for RN212495

Kdm3a (NM_175764) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kdm3a (NM_175764) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kdm3a
Synonyms:	Jmjd1; Jmjd1a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN212495 representing NM_175764 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGTACAAATCTCTACTAGACAAAGCTGGCTTGGGATCCATAACTTCTGTTCGCTTCCTTGGAGATCAGC AAAGTGTATTTGTTTCCAAAGACCTTTTGAAACCTATACAGGATGTAAACAGTCTTCGGCTTTCCCTTAC TGATAATCAGACGGTCAGTAAAGAGTTTCAAGCTTTGATTGTAAAACATTTGGATGAAAGCCATCTTTTA CAAGGTGACAAGAACCTTGTTGGTTCAGAAGTAAGAATTTATAGCTTGGATCCATCTACTCAGTGGTTTT CAGCAACTGTTGTACATGGAAACCCCTCATCCAAAACTCTTCAAGTCAACTGTGAGGAGATTCCAGCGCT GAAAATTGTTGATCCAGCACTGATTCACGTTGAAGTTGTACACGATAATTTTGTAACGTGTGGTAATTCT ACAAGAATTGGAGCTGTGAAACGCAAGTCTTCTGAGAATAATGGAAGTTCAGTTTCTAAACAAGCAAAAT CTTGCTCTGAGGTCTCTCCCAGTATGTGTCCTGTACAGTCTGTTCCCACAACAGTGTGTAAGGAGATCCT GCTTGGCTGTACTGCAGCAACCCCATCTAGCAACAGACAGCAGAACACTCCCCAGGCAGCCAATTCTCCA CCTAACATTGGAGCAAAACTTCCTCAAGGATGTCACAAGCAGAGTTTACCAGAAGAAATTTCTTCCTGTC TAAATACAAAATCTGAAGTACTGAGAACAAAACCAGATGTTTGCAAAGCAGGATTACTTTCTTCAAAATC TTCTCAGGTTGGAGCTGGAGACTTGAAAATTCTGAGTGAGCCCAAAGGTAGCTGTATCCAGCCTAAAACA AACACTGATCAGGAGAGCAGACTGGAGTCTACTCCACAACCAGTCACTGGCCTTACAAAGGAGTGCTTGG TTACAAAGACTTCCTCTAAGGCAGAACTGGACAATGCCACTGCTCCTGAACTGCAGAAGCGTCTAGAGCA CACAGCTTCCACACCCGATGGTCTTTCAGACAAGCCAGAAGTGGAAGCAGGTGTCACTAGGCTTAATAGC TGTTCAGAAAAGAAGGTTGGACCTTCAGATTTAGGTTCGCAGTCACAGAATTTAAAGGAAACTTCAGTAA AAGTCGATCATGACAGCTGTTGTACAAGAAGCAGTAATAAAACCCAGACTCCCCCAGCCCGGAAGTCAGT TTTGACAGACCCAGATAAACTCAAGAAGCTACAGCAGAGTGGAGAGGCCTTTGTTCAGGATGACTCCTGT GTTAACATCGTGGCACAGCTGCCCAAGTGTCGGGAGTGTCGATTAGACAGCCTGCGCAAGGATAAGGACC AGCAGAAAGACTCGCCAGTGTTCTGTCGCTTTTTTCACTTCAGGAGGTTACAATTCAACAAACATGGTGT TCTGCGGGTAGAAGGCTTCTTAACACCAAACAAGTACGACAGTGAAGCGATTGGCTTGTGGCTGCCTTTG ACCAAAAATGTTGTGGGGACCGATTTGGACACAGCAAAGTATATCCTGGCCAATATTGGAGACCACTTCT

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GTCAAATGGTGATTTCTGAGAAGGAGGCTATGTCAACTATTGAGCCACACAGGCAGGTTGCTTGGAAACG
AGCTGTCAAAGGAGTTAGAGAAATGTGTGATGTGTGTGACACAACCATTTTCAACCTGCACTGGGTGTGC
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TCACTTGTCACAGACTCATACCAACCACGAAGATAAACTGCAGGTAAAGAATGTTATCTACCATGCAGTA
AAAGATGCAGTTGCTATGCTGAAAGCAGTGAATCCAGTTTGGGCAAATGTTAACTCCTCTGCACATTGGA
GATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_175764

Insert Size: 3645 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:	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_175764.2, NP_786940.1
RefSeq Size:	4505 bp
RefSeq ORF:	3645 bp
Locus ID:	312440
UniProt ID:	Q63679
Cytogenetics:	4q31
Gene Summary:	may play a role in spermatogenesis [RGD, Feb 2006]