

Product datasheet for **SC207755**

KDM4D (NM_018039) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: KDM4D (NM_018039) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: KDM4D
Synonyms: JMJD2D
ACCN: NM_018039
Insert Size: 605 bp
Insert Sequence: >SC207755 3'UTR clone of NM_018039
The sequence shown below is from the reference sequence of NM_018039. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCTGGGTGCAGCTGGGCCCTGTGCCCTAAGTCCACGGGCTGTCTTTATATCCCAGTCCCTGCTGTGT
GACAGTTTGATGAACTGGTTACATTTACATCCAAAACCTTTGGTTGAGTTTGCAGACTCTAGGCATG
CATGAAAGAGCCCCCTGGTGATGCCCTGGATGCTGCCAAGTCCATGGTAGTTTCAATTTTGCCATA
CTTTTGTCTTCTACCGGACCCCTGGAATGTCTTTGGATATTGCTAAAATCTATTCTGCAGCTGAGGT
TTTATCCACTGGACACATTTGTGTGTGAGAACTAGGTCTTGTGAGGTTAGCGTAACCTGGTATATGCA
ACTACCATCCTCTGGGCAACTGTGGAAGCTGCTGCACTTGTGAAGAATCCTGAGCTTTGATTCTCTCT
CAGTCTACGCATTTCTCTTCCCCTCCCTCACCCCTTTTTCTATAAACTAGGTTCTTTATACAGA
TAAGGTCAGTAGAGTTCCAGAATAAAAGATATGACTTTTCTGAGTTATTTATGTACTTAAAATATGTTG
TCACAGTATTTGTTCCAAATATATTAAGGTAACCAAAATGTTAAAATCTGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.



[View online »](#)

RefSeq: [NM_018039.3](#)

Summary: Histone demethylase that specifically demethylates 'Lys-9' of histone H3, thereby playing a central role in histone code. Does not demethylate histone H3 'Lys-4', H3 'Lys-27', H3 'Lys-36' nor H4 'Lys-20'. Demethylates both di- and trimethylated H3 'Lys-9' residue, while it has no activity on monomethylated residues. Demethylation of Lys residue generates formaldehyde and succinate.[UniProtKB/Swiss-Prot Function]

Locus ID: 55693

MW: 22.5