

Product datasheet for **SC215775**

KDM5B (NM_006618) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	KDM5B (NM_006618) Human 3' UTR Clone
Symbol:	KDM5B
Synonyms:	CT31; JARID1B; MRT65; PLU-1; PLU1; PPP1R98; PUT1; RBBP2H1A; RBP2-H1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_006618
Insert Size:	2000 bp



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Insert Sequence: >SC215775 3'UTR clone of NM_006618
 The sequence shown below is from the reference sequence of NM_006618. 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
ACTGTGAAGGACGCACCAAGCCGAAAGTAAACACAAAAACAGATACCCCCCTACTTAATGTAATTCA
GGACTCCAACCAAGAGGATTTCTCAAATCTCAGCAAAGCTACAGGACTGGTACTCAAGCCAGCCTGTA
AACGGTGTATTTCTATTCTTATGGGATCATTTTTCCAGGACTCTTTGAAGAAAAGAAAAACAATA
AAAAAATTTTGACACTTTTGTATTTTTCTTAAGAGCTATTTGTGGTTGTTGAGGTTTGAAAAGCT
GACTGTTTTTTTTGCAGGGTCCACCAATTTGGAAGGCATTGAAGCTTGACCTTTTCATGTACAGC
ATTAATAATTTTACCTCTCTCTGGGATTTACCAGCTTAAGAGTCCAACCTCACTTCCAGTGCCCAAAAGGG
CACCCACCAGAAATCCAGTAAATCCTCATTTGAGGAAGCTCTCCCTGTTTACTCTGTTACCACATTG
GGGAAATTTTTAAGTTTTTCACTTTGGGAGTTTTTGTGTTTCTCTTTTCTTTATCCACTTTTCTT
CTTCTGGTAGACTAGGTTTATTTATCTGAGCAATAACTTCTATGTTGGTTTCAGTGGCTGGAATAAA
ACAAAACAAAACAACTTCCAAACAGTGTGTTGGTGCTTTAGCGATTGATTGATGTACAGAACACAAT
GTCTAGTTTCTAGTGTCACTGATGAACTAGTGTAGAAAAGAGACTTCTCTGTAAGTAATTGCCACA
GCTGTATTTTGGCTTTCTCCCTGTCCCTTCTTTCTCCCTATTTTTTGGTAGCTTGTATCAAAATGTTA
CAGTTTATATTGTGGAATAAATCCTTCGTCCTAACATAACACTAAATGCTGATTATTTAGAGCCATTAG
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CCAGTTGCAGTAGCAGTGGATGTTAGCCTGCAAAACATTAGGGGATCTTCTTTTGTCTCTGCTC
TGTTTGGTGGCCATATGCCTACAGCCCTCACTAACAAAGAACCCTCTGTCTTCAAGGACTAGAACCCT
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CAGTCTTCTTGTGGAATGCTGCCTTTATTATATTTGAATTGACAGGGAACTTGGTTTAGGTTAAGA
CGTTGGAAGGAAATCTAAGGAAATTAATCCTCACAGAGGTCCGGGTTTAGTATATGCTTGAGAGGAG
ACTTGTGAATCCAGACTCTGCCTCCTGGTTTCTTTCTCATTCTTTTCAACTGTAGCTATCATTAC
TGGCTGTGGATAGCCATAGCTATTTTCTTGTCTTTCTTTTTAAAGGGGTCTGTTCTGCAGTGGAGA
AGACATTTCTGGTACCAGACTTTTGCTTACCTTTTCTATTCTGTTGCCAATTTTTGTTTTCCCCACAT
TCTATAGCCATAAACCTGAAGATGAGTAAACTGGTGGGTCTTTAATAAAACAACAACAAAAACAGCAG
TTTGTGATATAGCAGAGGTTAAATGTACCCTCCCTTTTATGCACCTCAATAAATTAATCTCTTTAA
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GGGGCCAATAGAGAAGAATAGTCTCCAGAGTACAATTTGGAATCATCGTGGTTTGGCCTTGTAGTATT
CAAATCTTAGAATCCCCTCCATCACCCCGACTTTGAGATAGGATGCCAACTGTCCCAGTCCCTCACCT
TCCATTGAGAAATTAAGCTTAAAGGAGACCCTGCTGCTAATAAAGCCACTGCCTTTAGAGAGCTTT
TGCCATCTTAGTAAGCACACCCTACCCCATCCCCACTAGTTTTTCTTCTTACCTGTGGGTGGTG
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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.

RefSeq: [NM_006618.5](#)

Summary: This gene encodes a lysine-specific histone demethylase that belongs to the jumonji/ARID domain-containing family of histone demethylases. The encoded protein is capable of demethylating tri-, di- and monomethylated lysine 4 of histone H3. This protein plays a role in the transcriptional repression of certain tumor suppressor genes and is upregulated in certain cancer cells. This protein may also play a role in genome stability and DNA repair. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Nov 2016]

Locus ID: 10765

MW: 75.3