

Product datasheet for **SC213659**

KDM6B (NM_001080424) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	KDM6B (NM_001080424) Human 3' UTR Clone
Symbol:	KDM6B
Synonyms:	JMJD3; NEDCFSA
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001080424
Insert Size:	1336 bp



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Insert Sequence: >SC213659 3'UTR clone of NM_001080424
 The sequence shown below is from the reference sequence of NM_001080424. 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
CCCCAGGCCCCAGCCAGCACGTGCGGATGAGGCCGGACGCCCGCCCGCCTGCCTGCCCGCAAGGCG
CCGCGGGGCCACCAAGCACATGCCTGGGCTGGACCTAGGTCCCGCCTGTGGCCGAGAAGGGGTGGGCC
CAGCCCTTCCACCCATTGGCAGCTCCCCTCACTTAATTTATTAAGAAAACTTTTTTTTTTTTTTTAG
CAAATATGAGGAAAAAGGAAAAAAATGGGAGACGGGGAGGGGGTGGCAGCCCTCGCCACCAGC
GCCTCCCCTCACCAGCTTTGGCCTTTTGTAGCAACAGACACAAGGACCAGGCTCCGGCGGGCGGGGT
CACATACGGGTTCCCTCACCTGCCAGCCGCCCGCCCGCGCGAGATGCACGCGGCTCGTGTATGT
ACATAGACGTTACGGCAGCCGAGGTTTTAATGAGATTCTTTCTATGGGCTTTACCCCTCCCCGGAAC
CTCCTTTTTTACTTCCAATGCTAGCTGTGACCCCTGTACATGTCTTTTATTCACTTGGTTATGATTG
TATTTTTTGTCTTTTCTGTTTTTTGTTTTTAAATTAACAGTCCCCTCACCTCTATTTATTCAT
TTTTGGGAAAACCCGACCTCCACACCCCAAGCCATCCTGCCCGCCCTCCAGGACCCCGTCGCC
GGGCTCTCCCGCGCCCAAGTGTGTGTCGGGGCCGGCCGACCGTCTCCACCCGTCGCGCGGGCTC
CAGCCGGTTCATGGTGTCAAACCCGCTCCCCTCCCCTACGTCTGCACTTTCTCGGACCAGTCCC
CCCACTCCCGACCCGACCCAGCCACCTGAGGGTGAGCAACTCTGTACTGTAGGGGAAGAAGTGGG
AACTGAAATGGTATTTTGTAAAAAAATAAATAAAATAAAAAATTAAGGTTTTAAAGAAAAGACTAT
GAGGAAAAGGAACCCCGTCTTCCAGCCCGGCAACTTAAAAAACACAGACCTTACCCCAACCC
CTTTTCTTTTAAAGTGTGAAACAACCCAGGGCCAGGGCCTCACTGGGGCAGGGACACCCCGGGTGTAGT
TTCTCTGGGCTTTATTTTCGTTTTGTTGGTTGTTTTTCTCCAGCTGGGGTGCAGAGGGGTGGGGG
GTTTACAGTCCCGCACCTCGCACTGCACTGTCTCTGCCCCAGGGGCAGAGGGGTCTTCCCAACCCT
ACCCCTATTTTCGGTGATTTTTGTGTGAGAATATTAATATTAATAAAATAAACGGAGAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
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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_001080424.2](#)

Summary: The protein encoded by this gene is a lysine-specific demethylase that specifically demethylates di- or tri-methylated lysine 27 of histone H3 (H3K27me2 or H3K27me3). H3K27 trimethylation is a repressive epigenetic mark controlling chromatin organization and gene silencing. This protein can also demethylate non-histone proteins such as retinoblastoma protein. Through its demethylation activity this gene influences cellular differentiation and development, tumorigenesis, inflammatory diseases, and neurodegenerative diseases. This protein has two classical nuclear localization signals at its N-terminus. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Feb 2017]

Locus ID: 23135

MW: 49.4