

Product datasheet for **MC224914**

Kdm3b (NM_001081256) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kdm3b (NM_001081256) Mouse Untagged Clone
Tag: Tag Free
Symbol: Kdm3b
Synonyms: 5830462I21Rik; JHDM2B; Jmjd1b; mKIAA1082
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224914 representing NM_001081256
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGGACGCGGCGCCTCCCCGGTGGGCAAGCGGCTGTTGCTTCTGTTGCGGGACCTACGGCCTCAG
CTTCGGCCTCGCCCCACGGCGGCGGCTAGTGAGCGGAGATCCTGGCCTGCGCTGCGCACTCGGGC
CTGGAGGGCCGGCACGGTGCGGGCCATGAGCGGGCGGTCGCCAGGACCTAGCGATCTTTGTTGGAGTTT
GACGGCTGTAAGTGAAGCAGCACTCCTGGGTTAAGGTTACGCTGAAGACGTGCTTGCGCTTCTGCTGG
AAGGCTCACTTGTGGCTCCCCGGAAGGACCCCGTCTTCTGCAGGGCACCCGAGTCCCAGTTGCCCA
GTGGCCAGCCCTGACTTTCACCCCTAGTAGATAAGCTGGGGTGGGGTCTGTGGTGCCAGTTGAATAC
CTTGTGGATCGAGAGCTTCGTTTCTGTGCGGATGCTAATGGGATGCATCTGTTCCAGATGGGAACAGATG
TTCAAAATCAGATTCTTTTAGAACATGCTGCATTAAGAGAGACAGTTAATGCTTTGATCAGTGACCAAAA
GCTACAAGAGATTTTCAGCCGAGGTCCTATAGTGTCCAGGGCCACAGAGTCAAGGTCTACCAACCCGAA
GGAGAGGAAGTATGGCTCTGTGGTGTGTGAGCCGTGAGGACTCAGTACCCGCTTATGGAAGTGTCTA
TAACTGAGACTGGTGAGGTCAAGTCAAGTCAAGTCCAGACTCACCCAGTGCATGGACAGCTCGAC
ACCACAGAGTGAGGGGGTACCATAAAGCAGTAAAATCTTCAAAGGAAAGAAGAAGAGAGAGAGCATA
GAGGGGAGAGATGGCCGAGGAGGAAAAGTGTTCGGACTCTGGGTGTGACCCTGTACAAAGAAATTA
AAGGAGACAGGGTGAAGTAGACAGTAATGGGAGTGATGGAGGTGAGGCAAGCCGAGGGCCTGGAAAGG
AGGTAATGCCAGTGGAGAGCCAGGGCTGGAGCAGAGAGCAAGCAGCCACCGTCTACATTTGTTCCCCAG
ATTAACCCCAACATTGCTTTGCCACTTACACCAAGAAAACGGCAGAACTCTGGTGGTACAGGATGAGC
CTGTAGGTGGGATACGCCGTCCTTTACTCCGTATGCTTACGCCACAGGTGAGACACCTTTGGCCCC
AGAGGTAGGTGGAGCTGAAAACAAGAGGCGGAAAAACGCTGGAACAAGTTAGCCAGGGCATGGTGGCT
TCAGCAGCTGTAGTCACTACCGCAGCTCCACCCCAACCGGTGAGGATCTCAGACACTGGCCTTGAT
CAGGGACTGGGCCGAAAAACAGAAAGGAGCTGGTGCAGGCCCTCAGGAGAGAATTCAAGAAATTTAG
TCTGGCCTCTTCTGGATTTGGAGTGTCTCTCTCAAGTTTGTACAAACATTGACTTTTGGAGTGGACGG
AGCCAGTCCAATGGAGTTTTAGCCACAGATAACAAGCCTTTGGGCTTCTCTTTCAGCTGCAGCTCTGCAT



CAGAGTCTCAGAAGGACTCCGATCTCTCCAAGAACTTGTTTTTCAATGCATGTCCCAAAATGTACCCAG
 CACTAACTACCTGAGCAGGGTTTCAGAGAGCGTGGCCGATGACTCCTCGAGCAGGGATTCC TTCACACAA
 AGCCTCGAGAGCCTGACTTCAGGCCTGTGTAAGGCAGATCTGTTCTCGGAGCAGATACTCAGCCAGGTC
 CCAAGGCCGGCAGCTCTGTGGACCGAAAAGTGCCTGCAGAGTCCATGCCACCCTTACTCCAGCCTTCCC
 ACGGAGTCTCCTAAATACCCGCACCCAGAGAATCATGAAAATCTATTTTACAGCCCCGAAACTGTCC
 CGAGAAGAACCTTCTAACCTTTCTGGCGTTTGTGGAGAAAGTGAACACAGCCCTTTCAGCAGCTTTG
 TGTCTCAGGCATCAGGTAGCTCTTCTCTGTACCTCTGTACCTCAAAGGCAACAGCCAGCTGGCCTGA
 GTCTCACTCCTCTGCAGAGTCTGCACCTTAGCAAAGAAAAAGCCCTCTTTATTACAACCTGACTCCTCC
 AAGCTGGTATCTGGTGTCTGGGCTCCGCTCTCAGCACTGGGAGTCCGAGTCTCTCTGCAGTGGGAATG
 GCCGCTCCAGCTCGCCACCAACAGCCTCACCCAACTATTGAGATGCCTACTCTCTCCTCCAGTCCCAC
 AGAAGAGAGGCCAACTGTGGGCCTGGCCAGCAGGACAATCCGCTCCTCAAAACCTTCAGTACCGTCTTT
 GGCAGGCACTCAGGCAGCTTCTCTCGGCCAGCAGAGTTTGCACAGGAGAACAAGCACCTTTTGAAG
 CTGTAAAAAGGTTCTCATTGGATGAGCGAAGCTTGGCTTGACAGCAGGATTCCGACTCCAGCACCAACAG
 TGACCTGTGAGTCTGAGCGACTCAGAGGAGCAGCTGCAGGCCAAGAGTGGCCTGAAGGGGATTCCAGAG
 CACCTGATGGGAAGCTAGGCCCAACGGGGAGCGTAGTGCTGAGCTGCTACTGGCAAGGGCAAGGGGA
 AGCAGGCCCAAAGGGCCGGCCCGGACTGCTCCCTGAAAGTTGGCCAGTCCGCTGTAAGGACGTGAG
 TAAAGTAAGGAAGCTGAAGCAGTCTGGAGAGCCCTTCTGCAGGACGGCTCCTGCATCAACGTGGCGCT
 CACTTGACAAGTGCCGAGAGTGGCCTGGAGAGGTACCGCAAGTTAAGGAACAGGAGCAAGATGATT
 CTACTGTAGCCTGCCGCTTCTTCACTTCCGGAGGTTGGTCTTCACTCGAAAGGGGGTGCCTCGTGGGA
 GGGATTTCTGAGCCCCAGCAGAGTGACCCGGATGCCATGAACCTGTGGATCCCCCTTCTCTCCCTAGCA
 GAAGGAATAGACCTAGAAACCTCAAAATACATCTTGGCCAATGTTGGGGACCAGTTCTGTGAGCTGTAA
 TGCTGAGAAGGAGGCCATGATGATGTTGGAGCCACACCAGAAAGTGGCGTGAAGCGAGCAGTCCGTGG
 AGTTCCGGGAGATGTGTGATGTGTGAGACAACCTCTTCAATATCCACTGGGTCTGTCCGAAATGTGGA
 TTTGGGGTCTGCCTTACTGTTACCGGCTCAGGAAAAGCCGTCCAAGGAGTGAGACAGAAGAAATGGGGG
 ATGAGGAAGTTTTCTCCTGGCTGAAGTGTGAAAAGGGGAGTCCACGAACCAGAAAACCTCATGCCAC
 CCAGATCATCCCTGGCACAGCGCTTACAAATTTGGAGACATGGTACACGCTGCCCGGGAAAGTGGGGG
 ATTAAGCTAACTGCCCTGTATAAGTCGGCAAAGCAAATCTGTTTTGAGACCTGCTGTACCAATGGGA
 TATCACAGCTTCCAGTGTAAACCCTAGTGCTTCTTGGAAACGAAACTACCTTCTCAAGCGGAGGCGG
 AGCTGCAGCGGTACAAAATCCAGAGCCAGACCAAGTCCCAAAGGTGCTGGCACTGACGGCAGATCTGAG
 GAGCCCCATAAAGCAGAAGGTTCTGCGTCAAATAGCAATAGTGAACATAAAGCCATCAGGCCCCCGTGC
 CGGACACAGCCCCTCCTCTCTGCTCTGCATTGGTTGGCCGACTTAGCAACTCAGAAGGGCAAAGAAGA
 AACGAAAGATGCAGGGTCCCTGCCGTCCGTGCTCAATAAGGAGTCTATTACCCCTTTGGCTGGACTCA
 TTCAACTCTACTGAAAAGTCTCTCCATTGACTCCAAAGCTTTTTAACAGCCTGTTACTGGTCCCCTG
 CCTCCAACAGCAAAACTGAGGGTCTAGTCTTCGAGACCTCCTTCACTCTGGGCCCGAAAGCTTCTCTCA
 AACCCCTGGATACAGGCATACCTTCCCCCTGTTTTCTTTCATCCTCAGCAGTAGCGAAGAGCAAA
 GCCAGCCTACCCGACTTCTCGACCACATCATCGCCTCAGTGGTAGAAAACAAGAAAACCTCAGATCCCT
 CAAAGCGGTCTGCAACCTGACCACACCCAGAAGGAGGTGAAGGAGATGGCGATGGGGCTGAATGTGCT
 CGACCCACACGCTCTCACTCCTGGCTCTGCGACGGGCGCCTTCTGTGTCTCCATGACCCAGCAACAAA
 AATAACTGGAAGATCTTCCGAGAGTGTGGAAACAAGGCCAGCCAGTGTAGTTTTCAGGGGTGCATAAAA
 AGCTCAAGTCTGAACTCTGGAAGCCGGAAGCCTCAGCCAGGAGTTGGAGACCAGGACGTGGACTTGGT
 GAACTGCAGGAATTGTGCTATCATTTCCGATGTTAAAGTTCGAGATTTCTGGGATGGCTTTGAGATCATA
 TGCAAGAGACTACGGTCAGAAGATGGGAGCCAAATGGTGTCAAACCTCAAAGACTGGCCCTGGGAAG
 ATTTCCGGGACATGATGCCTACAAGTTTGAAGATCTGATGGAGAATCTTCTCTCCAGAATAACCAA
 ACGAGATGGCAGGCTCAATCTGGCTTCTAGGCTACCCAGCTACTTTGTAAGGCCTGATCTGGCCCCAAG
 ATGTACAACGCCTATGGTTTGTAAACAGCAGAAGACAGAAGAGTTGGTACAACAAATCTTCAATTTAGATG
 TGTGACAGCTGTTAATGTGATGGTGTATGTTGGGATCCCTGTCCGGGAGGGTGTCTCAGATGAAGAAGT
 ACTCAAACTATTGATGAGGGAGATGCTGATGAGGTGACCAAGCAGAGGATTCATGATGGCAAAGAGAAG
 CCAGGAGCTTTATGGCACATTTATGCAGCGAAGGATGCAGAGAAGATCCGAGAGCTGCTCCGGAAGGTTG
 GAGAAGAGCAAGGCCAAGAGAATCCTCCAGATCATGACCAATTCATGACCAAAGTTGGTATCTGGACCA
 GATCCTCCGAAAGCGACTCTTTGAAGAGTATGGTGTGCAAGGCTGGGCCATTGTGCAAGTCTGGGTGAC
 GCTGTCTTCACTCCTGCTGGAGCCCCGACAGGTTTACAATCTGTACAGTTGCATAAAGGTCGACAGAAG
 ATTTTGTATCTCCAGAGCACGTGAAGCACTGTTTCCGCTGACTCAGGAATTCAGGCATCTCTCAACAC

TCACACCAATCATGAGGATAAGCTACAGGTGAAGAACATCATATACCACGCAGTAAAGACGCTGTCGGC
 ACTCTCAAGGCCACGAATCCAAGCTCGCAAGTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001081256

Insert Size: 5289 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_001081256.1](#), [NP_001074725.1](#)

RefSeq Size: 7112 bp

RefSeq ORF: 5289 bp

Locus ID: 277250

Cytogenetics: 18 B1