

Product datasheet for **RN206018**

Kdm5b (NM_001107177) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kdm5b (NM_001107177) Rat Untagged Clone
Tag: Tag Free
Symbol: Kdm5b
Synonyms: Jarid1b; RGD1565602
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN206018 representing NM_001107177
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGC**C

ATGGAGCCGGCCACCGCGCTGCCCCAGGCCCGCGCCGGCGCTGCCCTTGGGGCCCCGGCCCGCTGG
 GAGAGTTCCTGCCTCCCCGAGTGTCCGGTCTTCGAGCCAGCTGGGAAGAGTTCGCGGACCCCTTCGC
 TTTTCATCCACAAGATCCGGCCATAGCCGAGCAGACTGGGATCTGTAAGGTGCGGCCCGCCGGATTGG
 CAGCCACCATTGCTTGTGATGTTGATAAACTTCATTTTACCCCGCGTATCCAGAGGCTTAATGAGCTGG
 AGGCCAAACACGTGTAATAATTGAACCTCCTGGACCAGATTGCCAAGTATTGGGAGCTACAGGGAAGTAC
 TCTGAAGATTCCTCATGTGGAGAGAAAGATCTTAGACTTGTCCAGCTAAATAAGTTAGTTGCAGAGGAA
 GGTGGGTTTGCAGTTGTTTGAAGGACAGAAAAATGGACCAAAATGGCCACCAAGATGGGTTTTGCTCCTG
 GTAAAGCAGTGGGCTCACATATCAGGGGACATTATGAGCGAATCCTCAATCCGTACAATTTGTTCTATC
 TGGGGACAGCCTGAGGTGCTTCAGAAGCCTAACCTGACCTCGGACACAAAGGACAAGGAGTACAAACCC
 CATGATATTCAGAGGCAGTCTGTGCAGCCCTCAGAAACCTGCCCTCCGGCCCGCCGAGCAAAAGCGCA
 TGAGAGCAGAGGCTATGAATATTAATAATTGAGCCAGAAGAGGCAACAGAAGCCAGGACTCATAACCTGAG
 GCGCCGAATGGGCTGTGCCACTCCAAAACGGGAAAACGAGAAAGAAGTAAAAGTACCATCAAGCAAGAA
 CCCACCCGAGAAGAAAGACTGTGTGTTAGAAAAGTGAGAAGGACAAGCCAAAGAGCCGTGCCAAGAAAACCG
 CCACTGCTGTGGACCTGTATGTGTGCCTCTTATGTGGCAGCGCAATGACGAGGACCGGCTGCTCCTGTG
 TGACGGCTGTGACGACAGTTACCACACCTTCTGCCTGCTTCCCTCTCCATGATGTTCCCAAGGGAGAC
 TGGAGGTGCTCAAGTGTGGCTCAAGAGTGTAGTAAGCCACAAGAAGCTTTCGGCTTTGAACAGGCTG
 CAAGGGACTATACACTCCGTACGTTTGGGGAAATGGCAGATGCATTCAAATCTGATTACTTCAACATGCC
 GGTCCATATGGTTCACAGAGCTGGTGGAGAAGGAGTTTTGGCGCTGGTAAGCACTATTGAAGAAGAC
 GTCACCGTGGAGTATGGAGCTGATATTGCTTCAAAGAGTTTTGGCAGTGGCTTTCCTGTTTCGAGATGGCA
 AAATCAAGATTTCTCCTGAGGAAGAGGAGTATCTTGATAGTGGCTGGAATTTGAATAACATGCCAGTGAT
 GGAGCAGTCTGCTTGTCTCACATTACTGCTGATATATGCGGCATGAACTGCCTTGGTTGTATGTGGG
 ATGTGCTTTTCTCCTTCTGTTGGCATATCGAAGACCACTGGAGCTATTCAATCAACTACCTGCACTGG



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GTGAGCCGAAAACCTGGTATGGAGTTCAGGATATGCTGCTGAGCAGCTTGAAAACGTAATGAAGAAGCT
 GGCTCCAGAGCTCTTTGTGTCCAGCCAGACCTCCTCCACCAGCTTGTGACGATCATGAACCCCAATACG
 CTGATGACTCACGAAGTGCCTGTGTATCGAACGAATCAGTGTGCTGGGGAGTTTGTACATTACGTTCCCGA
 GAGCCTACCACAGTGGCTTCAATCAAGGCTTTAATTTTGTGAGGCAGTTAACTTCTGCACTGTTGATTG
 GCTGCCGTTGGGCCGCCAGTGCCTGGAGCATTATCGCCTGCTGCACCCTACTGCGTCTTTTCCCATGAT
 GAGATGATATGCAAGATGGCTTCCAAGGCTGATGTGTTAGACGTGGTAGTGGCATCCCACTGTTCCAGAAGG
 ACATGGCCATCATGATTGAGGATGAAAAGGCTTTAAGGGAAACTGTCGTAACCTGGAGTGATTGATTC
 TGAGAGAATGGACTTTGAGCTGTTGCCGATGATGAGCGGCAGTGTATAAAGTGCAAAACTACGTGCTTC
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 CCTGTCCCTTACAAGTATAACCTGCGGTATAGATACTCTGGATGATCTCTATCCGATGATGAATGC
 GTTGAAGCTTCGAGCAGAGTCGTAACGAATGGGCTTAAATGTGAATGAAGCCTTGAAGCAAAGATT
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 GCTTAATGGCAAAGGCAAACGAGGTATCGATCTGGTGGAGGGAAGTCTCAGAGTCAGCTGACAGTGAAT
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 TTCTGAGCTTCAGCAGTTGCTGGATGTCAGCTTCACTTTTGTGTTGAACCTCCACAGCTAGCTGAGATG
 CGTATCCGCTTAGAACAGGCCGCTTGGCTAGAAGAGGTTGAGCAGGCTTGCCTGGACTCCAGCTCCCTTT
 CTTTGGATGATATGAGACGACTCATAGACTTAGGGGTGGGCTAGCTCCATATCTGCCGTGGAGAAAGC
 TATGGCCCGCTGCAGGAAGTCAACAGTGTGAGCAGTGGGACGACAAAGCCAAAGAGTCTCCTCAGA
 GCAAGACCTCGCATTCTTGTAGTACCTTGTACAGCAGTAAAAGAGATGGAGGAGATCCCGCCTATC
 TGCCCAATGGTACAGTCTGAAGGATTTGTGACAGAACTCATTGAACCTGTCGCAAGAGGCCGATCCATCCCG
 GCAGGACGAGGACGCGTCCAGTGTGAGAACTCATTGAACCTGTCGCAAGAGGCCGATCCATCCCG
 GTACATCTGAATTTTACCAGATTGGAATGCTAGTATCCGAGGTTTATGCTTGGAAAAGAAAGCGCTG
 CTAACAATCTCTGCTTGAAGTTCGCCATACTCTGTTAGAGGTTCTTTGTCCTCGGTGTGACATTGG
 CCTTTTGGGATTGAAAAGGAAGCAGAGAAAAGTTGAAGGATCCCTTGCAGTGGGAAAGAGAAGCACC
 AAGTTAGAGAGTCTGAGTGTCTGAAAAGGCTCTGACTGAGAGCAAAGAGACGGCGTACGATATGGCAA
 CTCTTGGGGAAGCTCGCCTACGAGAGATGGAAGCTTTCAGTCTCTCAGATTTGCCAATGAAGAGAAAT
 GCTGTCACCTGCCAAGATGTGGAGACGAAGTTTGTGTGTCAGAAGACTCCAGCCACTCCCATGATT
 CAGTGTGAACCTGCAGGATGCTTTCCATACTAGTTGTGTGGCGGTGTCCAGTATTTACAAAGCTCCC
 GAATCTGGCTTTGTCCTCACTGTGCAAGGTGAGAGAAGCTCCATTAGAGAAAATCTGCCTCTGCTGGC
 CTCCCTACAGCGTATAAGAGTTCGCTTCTCCTGAAGGGGATGCACTCCGATACATGATTGAAAGAACCCTG
 AACTGGCAACATAGAGCCAGCAACTGCTTTCTCAGGGAATCTAAAACCTGTGCAAGGACCAAGCGGTT
 CTGGACTGTTGTTTAGCAGATGGCCAGCCTCAGCAGGAACGGCGTCCAGCAGCAGACAAGGTGTCTCAACC
 TCCTGGCACAACATCCTTTTCAATGCGGGAAGACTGGGACAACAGAACCTCATATTTACTCTCCCTTC
 TCTACCGGTGAGAGTTGATCCCTTTCATGGTTTGTGAGTCCAGAGGTGAATGAATTGCTGATGGAAGCCC
 AGTTGTCCAGGTGTCCCTCCCTGAAGTCCAGGAGCTTATCAGACTTTACTTACGAAGCCAAGCTCTGC
 TCAGCAAGCCGACCGAAGCTCACCAGTCCAGCCAGCAGTGAAGAAGCATTGCTTTCGAGGGAACGA
 GATGCAATCAACAGTCTTGAGAGAAAAGTGAAGAGCAGCCAGAAAGAGAAGGCCTTCCAGTGAACGTT
 GGGATCGAGTTAAAAAATGCGGACCCCTCAAAAAGAAAGAAAATCAAAGTGAAGTACCCCAAGGACATGAA
 CAATTTCAAATTAAGAAAGAGAGCGTAGCTATGACTTAGTCCGGAATGCTGAAAACCTATTCCCTGCCTCA
 GACACATCCTACTCCGAGCAGGAGGACTCTGAGGATGAAGATGCCATCTGTCCAGCTGTGAGCTGCCTGC
 AGCCAGAAGGAGATGAGGTGGACTGGTCCAGTGTGATGGCAGCTGCAATCAGTGGTTTTCATCAGGTCTG
 TGTGGTGTCTCTCCAGAGATGGCAGAGAAAGAAGACTACATCTGTGTGCGCTGTACTGGAAAGGACGCA
 CCAAGCCGAAAGTAA

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-RsrII

ACCN:

NM_001107177

Insert Size:	4635 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:	<ol style="list-style-type: none">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:	<u>NM_001107177.1, NP_001100647.1</u>
RefSeq Size:	6276 bp
RefSeq ORF:	4635 bp
Locus ID:	304809
Cytogenetics:	13q13