

Product datasheet for RN202151

Kdm6b (NM_001108829) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kdm6b (NM_001108829) Rat Untagged Clone
Tag: Tag Free
Symbol: Kdm6b
Synonyms: Jmjd3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN202151 representing NM_001108829
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCTCTGCCGACTCTCAGGCCCTCAGGAGAGGAAGGCCTCAGCCCTGGAGGCAAGCGCAGGAGAG
 GCTGCAGCTCTGAACAGGAGCAGCGGCACTCGCTGCCTCACCTCATCCATACCCAGCTCCTGCCTACAC
 TGCTCATCCGCCAGCCACCGGCTGGGCCCGGCCACCCCTTGGTCCAGGTCCCGACCCCCAGGAGCA
 GAGAGCCATGGCTGCCTGCCACCCGTCGCCCGGAAGTGACCTTAGAGAGAGCAGAGTTCAGAGGT
 CGCGGATGGACTCCAGCGTTTCACCAGCAGCATCTACCGCTGCGTGCCTTACGCCCTTCCCGGCCCC
 TGGCCTCCCGGCCACCAGCAGCAGCAGTAGCAGTAACAACACTGGTCTTCGGGGTGTGGAGCCGAGC
 CCAGGCATTCTGGCGTGACCATACCAAAACCTGCGTTGGAGATAGCCCTCACCAGGCCCGCTGG
 GTCCCTCCGCACACAGCAGTCGGAACCATTTTACAGCCCTGCTGCCGCTCCCACTTATCCCTACC
 ATCCGGGACCCCTTCATCCCTCCACCCCATGTCTCGCTCTTGCGCCCTCCACCACCCCTGCTTGG
 ATGAAGGGCTCAGCTGCCGCTCAGCTCGAGAGGATGGAGAGATCTTAGGGGAGCTCTTCTTTGGTGCTG
 AGGGACCTCCCGTCTCCTCCCAACCCCTTCCCAACCGTGATGGCTTCTTGGGGCTCCAAACCCCGC
 CTTTTCTGTGGCACTCAGGATTCGCATACCCCTCCCACTCCCAACCCAGCAGCAGCAGCAGCAGC
 AGCAGCAGCAGCAACAGCCACAGCAGTAGTCTACTGGGCTGTGCCCTTCCACCACTCCCTATCTGG
 CCAGAAGTATAGACCCCTTCCAGGCCATCTAGCCCAACTGAGCTCCAGGACCCACCTCTCCACC
 ACTGACTCTTGCCTGCCCTCCAGCCCTCCCTCCTGCCACCAAAATACCTCAGGAAGCTTCCAGGCGC
 TCGGAGAGCCCCGGCCAGGGTCTCCTCCAAAGACCCCGAGGTGGGGCAGGGGCCACCTCCAGGCT
 CTCTGAGTAAAGCCCCAGCCTGTGCCACCTGGGTTGGAGAGCTGCCTGCCGAGGCCGAGGCTCTT
 TGATTTCCACCAACTCCACTGGAGGACAGTTTGAAGAGCCAGCTGAATCAAGATCCTCCTGATGGG
 CTAGCTAACATCATGAAGATGCTGGATGAATCCATTAGAAAGGAGGAAGCAGCAGCAGCAAGAGGCGAG
 GCGCGGTTCCCAACCCCACTCAAAGAGCCCTTTGCATCTCTACGGTCTTCACTTCCAGTGACACAGC
 CCCAGCTGCCACCACTGCTGCTGCAACTCCACCAACCACCACCACCACCACCACCAAGAAGAGGAGAAG
 AAGCCACCACCAGCCCTGCCACCACCACCGCTTAGCCAAGTTTCTCCACCACCCAGCCCCACCAC



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CTCCACCAGCCAGCCAGCCAGCCAGCCTGCTCAAATCATTGGCCTCTGTTCTTGAGGGGCAAAAAGTACTGTTA
 TCGGGGACTGGAGCAGCCGTTTCAACCAGGCCCGGTCCGTGCCCGCCACTCAGTATCCCTAGTCCT
 GCATCAGGTGCTACCGCCCCACCACCCACTTCACTGGCCCTAGCGCCAGGGCTCCCCAAGCCCTCTG
 TTTCTCGTCATCTCAGTTCTCTACCTCAGGTGGGCTTGGGTCCGAGAGCGCAGGGCAGGTGAAGAGCC
 AGCACCAGGCCCGTGACCCCTGCCAGTTGCCCCACCTCTGCCGTGCCCCCTGCTCGTTCTGAGTCT
 GAGGTGCTAGAAGAAATCAGTCGGGCTTGTGAGACCCTTGTAGAGCGGTGGGCCGGAGTGCCATCAACC
 CAGCAGACCCAGTGGACATAGCAGACCCAGTGGACAGTGGGACTGAGCCACAGCCGCTCCTGCACAGGC
 CAAGGAGGAGAGTGGGGAGTGGCAGTGGCGGCAGCAGGTCCAGGTAGTGGTAAGCGTCGTCAGAAGGAG
 CATCGGAGGCACAGACGGACCTGTAGGGACAGTGTGGTTCGTAGGCCCGTGAGGGGAGGGCCAAGGCCA
 AGGCCAAGGCTCCCAAAGAAAAAGCCGAAGGGTCTGGGGAAGTGGACTTGCAGAGTGAAGAGATCCA
 GGGCCGGGAGAAGGCCCGCCTGATGTAGGTGGGCTTCCAAAGTCAAGACGCCACAACCCAGCGCCC
 CCACCTGCTCCTGCCCTCTGCTCAGCCAACACCCCATCAGCTCCTGTCCCTGGGAAGAAGACTCGAG
 AGGAAGCTCCAGGCCTCCAGGTGTGAGCCGTGCAGATATGCTGAAGCTTCGGTCGCTTAGTGAGGGCC
 ACCTAAGGAGCTGAAGATCAGGCTCATCAAGGTGGAGAGTGGGACAAGGAGACCTTCATCGCCTGAG
 GTAGAAGAGCGGGCTGCGCATGGCAGACCTCACCATCAGCCACTGCGTGTGATGTCATGCGTGCCA
 GCAAGAATGCCAAGGTGAAGGGAAATCCGAGAGTCTACCTTTCCCTGCCAGTCTGTGAAACCGAA
 GATCAACACTGAGGAGAAGCTGCCCGGGAAAACTCAACCTCTACACCCAGCATTTATTTGGAGAGC
 AACGAGACGCCTTCTCGCCGCTCTGCTGCAGTTCTGTACAGATCCCCGGAACCCCATCACTGTATCA
 GGGCCTGGCAGGTTCACTTCGGCTCACTTAGGCCTTTTTCCACCAAGACTCTGGTGGAGGCGAGCGG
 TGAACACACAGTGGAGTCCGTACCAAGTGCAGCAGCCCTCAGACGAGAAGTGGATCTGACAGGTACC
 AGACAGATCTGGCCCTGTGAGAGCTCCCGTTACACACCACCATCGCTAAATATGCACAGTACCAGGCTT
 CGTCTTCCAGGAGTCACTGCAGGAGGAAAAGAGAGTGGATGAGGAATCCGAGGAACACAGACGCAC
 TACAGGAACCTCTCCAGCAGTGCACAGACCCCAAGAACCATCATCATCAAGTTTGGCACAAACATC
 GACCTGTCTGATGCCAAGAGGTGGAAGCCACAACACTACAGGAGTCTGAAACTGCCTGCCTTCATGCGAG
 TAACATCCACAGGCAACATGCTTAGCCATGTGGGACACACCATCCTGGGCATGAACACCGTGCAGCTATA
 CATGAAGTTCTGGCAGTGAACGCCAGGCCACCAGGAGAATAACAATTTTGTCTGTCAATATCAAC
 ATTGGCCCCGGGACTGCGAGTGGTTCGCGGTACATGAGCACTATTGGGAGACCATCAGCGCCTTCTGCG
 ATCGGCATGGTGTGGATTACTTGACTGGTTCCTGGTGGCCAACTTGGATGACCTCTATGCGTCCAATAT
 TCCTGTTTACCGCTTCTGTCAGCGCCCTGGAGACCTTGTGTGGATTAATGCAGGGACTGTGCATTGGGTG
 CAGGCTACTGGTGGTGAACAACATTGCCTGGAACGTGGGGCCCTCACCGCTATCAATACCAGCTGG
 CCCTGGAGCGATATGAGTGAACGAGGTGAAGAACGTCAAGTCCATTGTACCCATGATTCATGTGCTCTG
 GAACGTAGCTCGAACGGTCAAGATCAGTATCCTGACTTGTCAAATGATCAAGTCTGCCTCCTGCGAG
 TCAATGAAGCACTGCCAGGTGCAGCGGGAGAGCCTGGTGCGGGCAGGGAAGAAAATCGCTTACCAAGGCC
 GCGTCAAGGACGAGCCTGCCTACTACTGCAACGAATGCGATGTGGAGGTGTTCAACATCCTGTTCTGTTAC
 AAGTGAGAATGGCAGCCGAAACACGTACCTGGTGCAGTGGGCTGTGCGCGCCGTCGAGTGGCGGC
 CTACAGGGCGTGGTGGTCTAGAGCAGTACCGCACAGAGGAGCTGGCACAGGCCTATGATGCCTTACAC
 TGGCTCCTGCCAGCACGTGCGGATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_001108829

Insert Size:

4086 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_001108829.1</u> , <u>NP_001102299.1</u>
RefSeq Size:	4679 bp
RefSeq ORF:	4086 bp
Locus ID:	363630
Cytogenetics:	10q24