

Product datasheet for RN213063

Kdm4b (NM_001044236) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kdm4b (NM_001044236) Rat Untagged Clone
Tag: Tag Free
Symbol: Kdm4b
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN213063 representing NM_001044236
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGGGTCTGAGGACCACAGTGCCCAAGATCCAGCTGCAAAATCATGACCTTCGCCCCACCATGGATG
 AATTCAGGGACTCAACAGATATGTGGCCTACATTGAGTCGAGGGTCCCACCGTGCCGGCCTGGCCAA
 GATCATCCCACCAAGGAGTGAAGCCACGGCAGACATATGATGACATTGATGACGTGGTATCCCAGCA
 CCTATCCAACAGGTGGTACAGGCCAGTCGGGGCTTTTCACACAGTACAACATCCAGAAGAAGGCCATGA
 CTGTGGGGGAGTACCGCCGCTAGCCAACAGTGAGAAGTACTGTACCCACGCCATCAGGACTTCGATGA
 CCTGGAACGCAAGTACTGGAAGAACCTGACCTTTGTCTCACCCATCTATGGGGTACATCAGTGGCTCC
 CTGTATGATGATGACGTGGCCAGTGAACATCGGCAATCTGAGGTCCATCCTAGACATGGTGGAGCGCG
 AATGCGGGACCATTGAGGGTGTGAACACACCTACTTGTACTTTGGCATGTGAAAACACGTTTGC
 CTGGCACACAGAGGACATGGACCTCTACAGCATCACTACCTGCCTTTGGCGAGCCCAAGTCTGGTAC
 GCCATACCACAGAGCACGGCAAGCGCCTGGAGCGCCTGGCCATAGGCTTCTTCCCTGGGAGCTCACAGG
 GCTGCGATGCCTTCTAAGGCACAAGATGACGCTCATCTCGCCATCATCTGAAGAAGTATGGCATCCC
 CTTAGCCGATTACACAGGAAGCTGGGAGTTTCATGATCACATTCCTATGGTTACCATGCGGGCTTC
 AACCATGGCTTTAACTGCGCTGAGTCCACTAATTTGCCACGCTGCGCTGGATCGACTATGGCAAAGTGG
 CCACACAGTGTACATGTGAAAGGACATGGTCAAGATCTCCATGGATGTGTTGTACGCATACTGCAGCC
 CGAACGCTATGAGCAGTGAAGCAAGGGCGTGACCTCACAGTGTGGACCACACGAGGCCACAGCCCTG
 AGCAGTCCCGAGCTCAGCTTTGGAGTGCCTCACGAATTCACCTCAAGGCCAAGTCTCGCAAGACAAA
 TTAGTGTGAAGGAGAGCAGACCTGGAGAAAGGCTGAGGAGGAGAGGAGGCCGAGTCTAGAGAGGAGGCG
 GGAGCCGACCAGGAGGCCAGGGCCGGCTCACACCGGAGACGGAGCCAGCCCAAGAAGTCCAAACCTGAA
 GACTCCAGGTCTCAGGGGAAGCCACAGCTGGGGTAGTGGTCTGGACGAGGCCAGGGGCTGTTCCCGGA
 GGGAGACCATGCCTGAGGAGGAGGAGGAAGAGGAGCTGTACCTTCACAGGGCCATGAGGCCGAGGGCGT
 GGAAGAGGATGGCAGAGGCAAGCCTCGGCCAACTAAGGCCAGGAGCAAGAAGAAGACTCCCAGCCTACTG
 TCACCCCATTTGCTGTCTGCCCCACCAGCCCTATTCCCGCCGAGGAGGTCTGAGGCTTCCACCCCAAC
 CTAAGTCTCAGGGCCAGCCATGGGCCCATGGCTGCAGAGGGGGTCTCCACCAACAGCCCTCAATGT
 CGTGCCTCTGGGGTCCAGGTGAGGAAACAGAGGTGCGGCCCGGCCATTATCCCAATGCTGTACGTG



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TTGCCCCGTGCCAACAGCTCTGATGGGGACAGGGAGCATGCTGCCCATCCACAGTTGGCACCCATGGAGC
 TGGGGCCAGAAGAGGAAGACCAGGCCAGGCTGGTGACTCACAGGGAACAACCTCCTTCTAAGCTGAA
 GGTGGAGATCAAAAAGAGTCGGCGTCACCCCTTGGGTCGGCCACCCACACGGTCCCCGCTATCTGTGGT
 AAGCAGGAGGCCTCAAGTGATGAAGAGGCCCTCCATTCTCAGGAGAGGATGATGGCAGTGACCCCTGAGG
 CCTTGAGTCCCTGCTGTCCCTGCAGTGAAGAGCAAGGCAGCCAGCTTCCAAGCTGAGAGGAAGCTGAA
 TGGCGCAGCCGCCCTCAGCGAGCCCTACTGTCCGTCTGTACCCTCTTCTACCCCTACAGCCAGTCAGTA
 CAGACAGAGCGGGAGGTCTGGCCACTCCAGGGGACAGTGTCCAGCCGCCCTCCAAAAGTGGCCAGA
 GGACAGGCCACTGATCCCTGAGATGTGCTTCACTTCAAGTGGGAGAACACAGAACCCTGCCTGCCAA
 CTCTACGTCCGTGAGGACGGCACCAGTCCACTCATCTCTGTGCCACTGCTGTCTGCAGTCCATGCC
 AGTTGCTATGGTGTCCGGCCTGAGCTGGCCAAAGAGGGCTGGACATGTTCCCGGTGTGGGCCACGCT
 GGACTGCGAATGCTGTTTGTGCAACCTTCGGGGAGGAGCACTACAGAGGACCACAGACACAGGTGGAT
 TCATGTGATCTGCGCCATTGCAGTCCCCGAGGTACGATTCTCAATGTGATCGAACGCAACCCAGTGGAC
 GTCAGTGCATCCCTGAGCAGCGATGAAACTGAAATGTGTACTGCCGCAAGCGTATGAAGAGGGTGT
 CGGGTGCCTGCATCCAGTCTCTACGAGCACTGCTCCACGTCTTCCATGTGACCTGCGCACATGCTGC
 TGGCGTCTCATGGAGCCAGATGACTGGCCCTATGTAGTGTCCATCACCTGCCTCAAGCACAGGGCCAGT
 GGAGCAGGGGCCAGCTGTTGCGCACGGTGTCCCTGGGCCAGATCGTCATCACCAGAATCGAATGGGC
 TCTACTACCGTCCCGTGTCTATTGGCACCCTGCTCAGACATTCTATGAGGTCAACTTCGATGATGGCTC
 CTACAGCGACAACCTGTATCCAGAGAGCATCACAAGCAGAGACTGTCTGCGGCTAGGGCCGCTCCTGAG
 GGCGAGCTGGTGGAGCTGCGGTGGACAGACGGTAATCTGTACAGAGCCAGGTTTCTCCATGGCCACCA
 GCCTCATCTACCAGGTAGAGTTTGGAGTGGATCTCAGCTGACTGTGAAGCGTGGGACATCTTCACT
 TGAAGAGGAATTGCCAAGAGGGTACGGTCCCGGCTGTACTGAGCACCAGGCACACCACAGGAGCCAGC
 TTCTCCGGAGATGGCGTGAAGGCCGCCAAGCGCCACGGGTGGCCACCGTGTGGCCACCACCCTGAGG
 ACACAGGGCGCAGCCAGAATACCTGGCCTTCTGAGAGCCTGCTGCAGGCGCAGGGCCAGCCTGGAGC
 ACCCTTCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001044236
- Insert Size:** 3300 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_001044236.2](#), [NP_001037701.2](#)
- RefSeq Size:** 4620 bp

RefSeq ORF: 3300 bp

Locus ID: 301128

Cytogenetics: 9q12