

Product datasheet for RN206477

Kdm2a (NM_001108515) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kdm2a (NM_001108515) Rat Untagged Clone
Tag: Tag Free
Symbol: Kdm2a
Synonyms: Fbxl11
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN206477 representing NM_001108515
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAACCTGAAGAAGAAAGGATTCGGTACAGCCAGAGATTGCGTGGTACCATGCGACGTCGCTATGAAG
 ATGATGGCATTTCAGATGATGAAATTGAAGGGAAAAGAACTTTTGACTTGAAGAGAAGCTCCATACCAA
 CAAATATAATGCCAATTTTGTACTTTTATGGAGGGAAAAGATTTAATGTAGAGTATATCCAGCGGGT
 GGCTTGAGAGACCTCTCATTTCAGAATTCTGATGGACTTGAATAAAGATGCCGGATCCAGACTTCA
 CAGTGAATGATGTCAAAATGTGTGTGGGAGTCGTCGGATGGTGGATGTCATGGACGTGAACACACAGAA
 GGGGATTGAAATGACCATGGCGCAATGGACACGATACTATGAGACTCCAGAGGAAGAGCGAGAGAAACTC
 TATAATGTTATCAGCCTAGAGTTTAGCCACACCAGGCTTGAGAATATGGTACAGCGGCCTCCACGGTGG
 ATTTCAATTGACTGGGTAGATAACATGTGGCCAAGGCACTTGAAAGAAAGTCAGACTGAATCAACAAATGC
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 TTCCATGTGGATTTTGGAGTACTTCTGTTGGTATCACATCCACCAAGGTGAAAGGTCTTCTGGCTCA
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 GGTTGGATTTCATGCTGTGTATACTCCTACGGACACATTAGTGTGGAGGCAATTTTTGTCATAGCTTTA
 ACATCCCCATGCAATTAAGATATATAGTATTGAAGATCGAACACGGGTTCCAAATAAATCCGTTACCC
 ATTTTACTATGAAATGTGTGGTATGTGTGGAGCGCTATGTACTGCATAACCAACCGATCTCACCTA
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 ATGAGGAAGGGCGGACAAAGAAGCCCGACGCATGAACAGTAAGCGATCTGTGCTTACCAGCCCTGTGGC
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 GCCTAGAAAGGATAGGCAAGTGATCTGACCCACTTTGAACTTGAAGGTCTTCGATGTCTGTAGATAA
 GTTAGAGTCACTGCCACTGCACAAGAAGTGTGTCCCACAGGGATAGAAGACGAAGATGCTCTGATTGCT
 GATGTAAGATTTTGGTGGAAAGAACTTGCCAGTAGTGATCCCAAGTTAGCCCTCACTGGAGTTCCCATAG



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TACAGTGGCCAAAAAGGGATAAGCTTAAATTTCCGACCAGGCCAAAGGTGAGGGTTCCTACAATCCCAT
 CACAAAGCCTCACACCATGAAGCCGGCTCCGCGCTAACACCTGTAAAGCCTGCTGCAGCCTCCCCATT
 GTGTCAGGAGCCAGGCGGAGAAGAGTGCCTGCAGGAAATGCAAAGCCTGTGTGCAAGGAGAATGTGGAG
 TCTGCCACTACTGCAGGGACATGAAGAAATTTGGTGGCCTGGACGCATGAAGCAGTCTGTGTCTCAG
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 AGCTCATCCACGACCCGGTTTCTCCCGGGGATGGTGAATCGGTGCTGCTGCTGCTGCTGCTGCTGCTG
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 CAAGCTGCAGGCCATCACGGCCTCTCTGCCAACCTTCGCCCTAACCCCGTGTGCTAATGCAGCACTGC
 CCAGCCCGGAACCCAGCGTGGGGATGAGGAGGGGCTTGGGGGAGAGGAGGAGGAGGAGGAGGAGG
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 GAATGTATGCGAGTGTGCAAGACGTGGTATAAATGGTGTGTGACAAACGACTTTGGACAAAAATTGACT
 TGAGTAGGTGAAGGCCATCGTGCCCGAGGCTCTCAGTGGCATCATCAAGCGGCAGCCAGTAAGCCTGGA
 CCTTAGTTGGACTAACATCTCAAAAAGCAGCTGACATGGCTGGTCAATAGGCTGCCAGGATTAAGAGC
 CTCCTCTAGCAGGCTGTCTGGTCTGCAATCTGCCCCTCAGCACCTCCAGCTGCCCCCTTCTCAGGA
 CCCTTGATCTTCGGTGGCAGTAGGAATTAAGACCCTCAAATTCGGGACTTGTGACTCCACCCACAGA
 TAAGCCAGTCAAGACAATCGAAGCAAACCTCCGGAACATGACTGACTTCCGGCTGGCAGGCTTGCATC
 ACCGATGCCACTCTCCGACTCATTATTCGCCACATGCCCTTTTGTCTCGACTTGACCTCAGTCACTGCA
 GCCACCTTACAGATCAGTCTCCAACTGCTCACTGCTGTGCGGTCTTCCACTCGATACTCCCTTACAGA
 GCTCAACATGGCGGGTTGCAATAAACTGACAGACCAGACCCTGTTCTTCCTAAGGAGAATTGCTAATGTC
 ACCTTGATTGACCTTCGAGGATGCAAACAGATCACAAGAAAAGCCTGTGAGCACTTCACTCAGACTTGT
 CCATCAACAGCCTCTACTGCCTGTCTGATGAGAACTGATACAGAAGATTAGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108515
- Insert Size:** 3486 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_001108515.1](#), [NP_001101985.1](#)

RefSeq Size: 6807 bp

RefSeq ORF: 3486 bp

Locus ID: 361700

Cytogenetics: 1q43