

## Product datasheet for **RN209362**

### **Kdm1b (NM\_001107343) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Kdm1b (NM_001107343) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kdm1b
Synonyms:	Aof1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN209362 representing NM\_001107343  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGGCATCTCGAGGGCGGTCAAAGAAGAGAAGCAATTTTCAGCTTTCTCCTGATACCTGCCTTTGA  
 GGAGCTCCGGGGACAGGCAAAGAAGAAGGCTGTAGAGATCACAGAGGAGGACGAGGATGGTTTCGTCGGA  
 GAAGAAGTACAGAAAGTGTGAAAAGGCAGGCTGTACAACGGCGTATCCTGTGTGCTTTGCAAGCGCTTCT  
 GAGAGGTGTGCCAAGAATGGCTACACCTCCCGATGGTATCACCTTTCCTGTGGGGAACACTTCTGCAACG  
 AATGCTTTGACCACTACTACAGAAGCCACAAGGATGGATACGACAAGTACACTGCATGGAAGAGAGTGTG  
 GACCAGCAACGGCAAGACGGAGCCAGCCCAAGGCATTTCATGGCAGACCAGCAGCTGCCCTACTGGGTT  
 CAGTGCACAAAACCCGAGTGTAGAAAGTGGAGGCAGCTTACCAAGGAGATCCAGCTTACTCCACACATGG  
 CGAGGACGTACCGCTGCGGCATGAAGCCAAATACTATTACCAAGCCTGACACCCCTGATCATTGTTCTTT  
 CCCCAGGATCTAAGAGTGTGGAAGTCTCCAACCACTGGTGGTACTCCATGCTCATCCAGCCTCCATTG  
 CTGAAGGACAGTGTGGCAGCCCCGCTGCTCTGCTACTACCCGGACTGCGTGGGCATGAGCCCCCTCT  
 GTACCAAGTACACATCGTGCCGCGTACAGCCACTGCCACCGGCAGTCCAGCCAGGGGAGATGGAGCC  
 CTCCAAGGCAGCCCCGCTTCGCTCGTTCTAGGCATGAACCGGTATTTCCAGCCGTTCTACCAGCCCAAC  
 GAGTGGCGCAAGGCCCTGTGTGTGCGGCCAGATGTGATGGAACGGATGAGCTCTATGAGTTCCAGAGT  
 ACTCTCGGGACCCACCATGTACCTGGCTTTGAGAAACCTCATCTCGCTCTGTGGTATACAAACTGCAA  
 AGAAGCTCTACCCACAGAAGTGCATTCCCCATGTATCGTCCGGGGCCTGTACGCATCCGATGTGTT  
 CAGGAAGTGGAGAGGATCTTTATTTTCATGACAAGGAAAGGCCTCATCAACACGGGAGTTCTCACCCTGG  
 GAGCCGCGCCAGCATCTTCTTCTAAACACTACCATAATAAATCTGTTCTGTTGTTGTTGGGGTGGTCCAGC  
 AGGCTTAGCAGCTGCTAGGCAACTACATAACTTTGGGATGAAGGTGACTGTCTGGAAGCCAAAGACCGA  
 ATCGGAGGCCGTGTCTGGGATGACAAGTCTTTAAAGGCGTGGTAGTAGGAAGAGGACCCAGATTGTCA  
 ATGGCTGTATTAATAACCCAGTAGCACTGATGTGTGAGCAACTTGGCATCCGCATGCATAAGTTGGGAGA  
 GAGATGTGACTTAATTCAGGAAGGTGGACGGATAACTGACCCCACTATTGACAAGCGCATGGATTTTCAT  
 TTTAATGCCCTCTGGATGTTGTCTCTGAGTGGAGGAAGGATAAGACTCTGCTCCAAGATGTCCCTTTAG  
 GAGAAAAGATAGAGGAGATCTACCGAGCCTTCGTGAAGGAGTCTGGCATCCAGTTCAGTGTGAGCTGGAGG  
 ACAGGTGTGAGTTCACCTGAGTAACCTGGAGTATGCGTGTGGCAGCAGCCTGCACCAGGTGTCTGCT  
 CGCTCCTGGGATCACAATGAATTTCCGCCAGTTTGGTGGTACCATACCTCCTAACTCCAGGCTACT  
 CCACGATCGTTGAGAACTGGCTGAAGGCTAGACATTAGACTCAAGTCTCCAGTGCAGAGCATAGATTA  
 CACTGGAGATGAAGTGCAGGTGACCACGACAGATGGCGTGGTGCATTCCGCACAAAAGGTATTAGTACC  
 GTGCCATTGGCCATGCTACAGAGAGGTGCCATCCAGTTTAAACCCACCGTTGTGAGAGAAAAGATGAAGG  
 CCATCAACAGCTTGGGGGAGGCATCATTGAAAAGATCGCCTTGCAGTTTCCATATAGATTTTGGGACAG  
 TAAAGTTCAAGGTGCTGACTTTTTTGGCCACGTTCTCCAGTGCAGCCAACGAGGGCTCTTCGCTGTG  
 TTCTATGACATGGGCCCCAGCAGAGTGTACTGATGTGCGTGATCACAGGGGAGGCAGTGGCATCCCTCA  
 GGACCATGGATGACAAGCAGGTGCTGCAGCAGTGCCTGGGCGTCTTCGGGAGCTGTTCAAGGAGCAGGA  
 GATCCCAGATCCCACAAAGTATTTTGTACACCGTGGAAACACAGAGCCATGGATCCAGATGGCCTATAGC  
 TTTGTGAAGACCTTCGGAAGTGGCGAGGCCTATGACATTATTGCTGAAGAAATACAAGGAACGTGTTACT  
 TTGCTGGTGGGCAACAAACAGGCATTTCCACAAACTGTTACTGGAGCATATTTGAGTGGTGTTCGAGA  
 AGCGAGCAAGATCGCAGCCTTTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001107343  
**Insert Size:** 2475 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001107343.1</a></u> , <u><a href="#">NP_001100813.1</a></u>
<b>RefSeq Size:</b>	4202 bp
<b>RefSeq ORF:</b>	2475 bp
<b>Locus ID:</b>	306819
<b>Cytogenetics:</b>	17p14