

## Product datasheet for MR221564

### Kdm4a (NM\_001161823) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Kdm4a (NM\_001161823) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Kdm4a  
**Synonyms:** D4ErtD222e; JHDM3A; Jmjd2; Jmjd2a; mKIAA0677  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR221564 representing NM\_001161823  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCTTCTGAATCAGAACTTTGAACCCAGTGCTCGGATCATGACCTTTACCCACCATGGAAGAGT  
 TCCGGAACCTCAGCCGTACATTGCCTACATTGAATCCCAAGGAGCTCATCGGGCTGGGCTAGCCAAGGT  
 CGTTCCTCCAAAGAGTGAAGCCTCGAACATCCTACGACGATATTGATGATCTAGTCATCCCTGCGCCC  
 ATCCAGCAGCTGGTGACTGGCCAGTCTGGCCTCTCACTCAGTACAACATACAGAAGAAAGCCATGACCG  
 TTCGTGAGTTCGCAAGATCGCCAATAGCGACAAGTACTGCACCCCGCGATACAGTGAATTTGAAGAACT  
 TGAGCGTAAATACTGGAAAAACCTCACATTCAATCCTCCCATCTATGGAGCAGACGTGAATGGTACTCTC  
 TATGAACAGCACGTTGATGAGTGAATATCGGCCGGCTGAAGACCATCCTGGACCTGGTGGAAGGAGA  
 GCGGGATCACCATTGAGGGGGTGAACACCCCTACCTTTACTTCGGCATGTGGAAGACGTCTTCGCTG  
 GCACACGGAAGACATGGATCTATACAGCATCAACTATCTGCACCTCGGAGAGCCAAAGTCTTGGTACTCT  
 GTTCCACCTGAGCATGGGAAACGCTGGAGCGTCTTGCCAAAGGCTTTTTCCAGGAAGTCTCAAAGCT  
 GTGAGGCTTTTCTCCGCCACAAGATGACCCTGATCTCCCATTAATGCTGAAGAAGTATGGCATTCCCTT  
 TGACAAGTGACCAAGAAGCTGGCGAGTTTATGATCACTTTTCCGTATGGTTACCATGCTGGCTTCAAC  
 CATGGCTTCAACTGTGCAGAGTCAACCAATTTTGCTACCCGTGGTGGATTGAGTATGGCAAGCAGGCTG  
 TGCTGTGCTCCTGCAGAAAAGATATGGTGAAGATCTCCATGGACGTGTTGTTGAGGAGGTTCCAGCCGGA  
 ACGCTACAAACTTTGAAAGCTGGGAAGGACAGCATGGTTATTGACCACACTCTGCCACACCCGGAAGCA  
 GCCGAGTTCCTGAAGGACAGCGCGGACTAACCCCGAGAGCAGGGAGTGAGGAGTGCCAGAGGAGGACG  
 TGAAGCAGCGGATCAGGGAGAGGAGGGGATGTGAAGAGAAGCCTGGCCAAGCATCGGATCGGGACAAA  
 GAGACACAGAGTCTGTCTGAAAATACCCAGGAGGTCAGTCAGAGCGAGCTTTCCCAAGGAAGAGCTA  
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 TGCGGCAAGTTGAGGACAGTCTTCCCTCCAGATTACTCTGACCCACTGAAGTCAAATTTGAAGAGCT  
 GAAGAATGTCAAAGTAGAAGAGGAGATGAGGAGGATGAGCCGAAGCAGCCGACTGGACCTTTCTGTG



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AATCCTGCGTCTGTAGGAGGACGCCTCGTCTTCTCGGGTTCCAAAAAGAAATCATCTTCCAGCCTGGGCT  
 CCACTTCACTCAGGATTCAGTTTCTTCCAGATTCTGAAACCGCCGAGTCTGTCTTCCAGGGCCAAGA  
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 GCTGGCTGCTGTGTGCAGTGTCCATGGCCGCTGCCCACTGCCTTCCATGTGAGCTGTGCCAGGCTG  
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 CAATCTGGAGCGTGCTAAGGGAGCCTTGTGAGCATCACGGCGGGCCAGAAGGTTATCAGCAAACACAAG  
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 TGCTGAAGGTGAAGTGGTCAAGTCAGATGGACAGATGGCCAAGTCTATGGGGCTAAGTTTGTGGCTCC  
 ACCCCATCCAGATGTACCAGGTGGAGTTGAGGATGGCTCGCAGCTGGTGGTTAAGAGAGATGATGTAT  
 ACACACTCGATGAAGAGCTTCCCAAGAGAGTCAAGTCTAGACTGTCCGGTGGCTTCCAGACATGCGCTTCAA  
 TGAGATTTTCCAGAGAAGGAAGTGAAGCAAGAAAAGAAGAGGCAACGGGTCATCAACTCGCGGTACCGG  
 GAGGATTACATCGAGCCAGCGCTGTACCGGCCATCATGGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR221564 representing NM\_001161823

Red=Cloning site Green=Tags(s)

MASESETLNPSARIMTFYPTMEEFRNFSRYIAYIESQGAHRAGLAKVVPKKEWKPRTSYDDIDDLVIPAP  
 IQQLVTVGQSLFTQYNIQKKAMTVREFRKIANSDKYCTPRYSEFEELERKYWKNLTFNPPYIYGADVNGTL  
 YEQHVDEWNIQRLKTIKLDLVEKESGITIEGVNTPYL YFGMWKTSFAWHTEDMDLYSINYLHFGEPSWYS  
 VPPEHGKRLERLAKGFFPGSAQSCEAFLRHKMTLISPLMLKKGYPFDKVTQEAGEFMITFPYGYHAGFN  
 HGFNCAESTNFAARRWIEYKQAVLCSCKRDMVKISMDVFRRFQPERYKLVKAGKDSMVIDHTLPTPEA  
 AEFLKDSGGLTPRAGSEECPEEDVEAADQGEEDVVKRSLAKHRIGTKRHRVLCLEIPQEVSSQSELPKEEL  
 SSGQYEMTECPATLAPVRPTHSSVRQVEDSLPFPDYSDPTEVKFEELKNVKLEEEDEEPEAAALDLSV  
 NPASVGGRLVFSGSKKSSSSLGSTSSQDSVSSDSETAESVSCQGQEKTVLTVHSYARGDGKAATGEP  
 VKKKRSAPRSISEQELAEVADEYMLSLEENKTKGRRQPLSKLPRHPLVLQECGSDDETSEQLTPEEEA  
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 NGRFYQCEVVRLLTETFEYVNFDDGSFSDNLYPEDIVSQDCLQLGPPAEGEVVQVRWTDGQVYGAKFVAS  
 HP IQMYQVEFEDGSQLVVKRDDVYTLDEELPKRVKSRLSVASDMRFNEIFTEKEVKQEKQRQVINSRYR  
 EDYIEPALYRAIME

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI



