

## Product datasheet for MR224817

### Meaf6 (NM\_027310) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Meaf6 (NM\_027310) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Meaf6  
**Synonyms:** 2310005N01Rik; 2810036M01Rik  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR224817 representing NM\_027310  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGATGCACAACAAGACGGCGCCGCCGAGATCCCAGACACCCGGCGGGAGCTGGCCGAGCTGGTTA  
 AGCGGAAGCAGGAGCTGGCGAAACACTTGCAAACCTGGAGAGACAGATATATGCTTTTGAAGGAAGCTA  
 CCTGGAAGACACTCAGATGTATGGCAATATTATCCGTGGCTGGGATCGGTATTTGACCAATCAAAGAAC  
 TCCAATAGCAAAAACGACCGGAGGAACCGAAGTTC AAGGAGGCCGAACGGCTCTTCAGCAAATCCTCAG  
 TCACGTCGGCTGCTGCAGTAAGTGCCTTGGCAGGGTTCAGGACCAGCTCATCGAAAAGAGGGAACCAGG  
 AAGTGGGACGGAAAGCGATACTTCCAGACTTCCACAATCAGGAAAACGAGCCTGCGCAGGAGGACCCC  
 GAGGACCTAGACGGCTCCGTCCAGGGAGTGAAACCTCAGAAAGCCGCTCTTCCACCTCCTCAGGAAGCC  
 ACCACAGCAGCCACAAAAACGGAAGAATAAAAACCGGCACAGAATGAATGTCTCCCCCAAACCTGGCTG  
 GCACCAGCTCCATCTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR224817 representing NM\_027310  
 Red=Cloning site Green=Tags(s)

MAMHNKTAPPQIPDTRRELAELVKRKQELAE LANLERQIYAFEGSYLEDTQMYGNIIRGWDRYL TNQKN  
 SNSKNDRRNRKFKEAERLFSKSSVTSAAAVSALAGVQDQLIEKREPGSGTESDTSPDFHNQENEP AQEDP  
 EDLDGVSQGVKPKQAASSTSSGSHSHKRRKNRHRMNVSPQTGWHQLHL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**



[View online »](#)



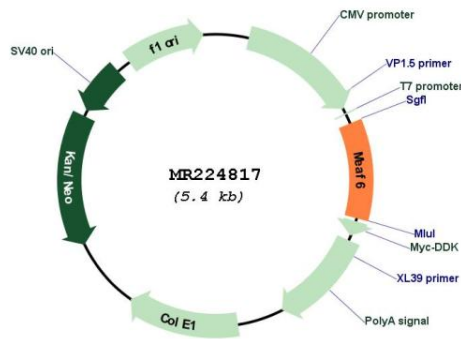
UniProt ID: [Q2VPQ9](#)

Cytogenetics: 4 D2.2

MW: 21.7 kDa

**Gene Summary:** Component of the NuA4 histone acetyltransferase complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histone H4 and H2A. This modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. Component of the HBO1 complex which has a histone H4-specific acetyltransferase activity, a reduced activity toward histone H3 and is responsible for the bulk of histone H4 acetylation in vivo. Component of the MOZ/MORF complex which has a histone H3 acetyltransferase activity (By similarity).[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR224817