OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC211037

Meaf6 (NM_027310) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Meaf6 (NM_027310) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Meaf6
Synonyms:	2310005N01Rik; 2810036M01Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC211037 representing NM_027310 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGCGATGCACAACAAGACGGCGCCGCCGCAGATCCCAGACACCCGGCGGGAGCTGGCCGAGCTGGTTA AGCGGAAGCAGGAGCTGGCGGAAACACTTGCAAACTTGGAGAGACAGATATATGCTTTTGAAGGAAGCTA CCTGGAAGACACTCAGATGTATGGCAATATTATCCGTGGCTGGGATCGGTATTTGACCAATCAAAAGAAC TCCAATAGCAAAAACGACCGGAGGAACCGGAAGTTCAAGGAGGCCGAACGGCTCTTCAGCAAATCCTCAG TCACGTCGGCTGCTGCAGTAAGTGCCTTGGCAGGGGTTCAGGACCAGCTCATCGAAAAGAGGGAACCAGG AAGTGGGACGGAAAGCGATACTTCTCCAGACTTCCACAATCAGGAAAACGAGCCTGCGCAGGAGGACCCC GAGGACCTAGACGGCTCCGTCCAGGGAGTGAAACCTCAGAAAGCCGCCTCTTCCACCTCCTCAGGAAGCC ACCACAGCAGCCACAAAAAACGGAAGAATAAAAACCGGCACAGAATGAATGTCTCCCCCCAAACTGGCTG GCACCAGCTCCATCTGTGA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-MluI
ACCN:	NM_027310
Insert Size:	579 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).

View online »

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_027310.4, NP_081586.1
RefSeq Size:	1070 bp
RefSeq ORF:	579 bp
Locus ID:	70088
UniProt ID:	Q2VPQ9
Cytogenetics:	4 D2.2
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] Transcript Variant: This variant (1) encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.