

Product datasheet for MC211096

Medag (NM_027519) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Medag (NM_027519) Mouse Untagged Clone
Tag: Tag Free
Symbol: Medag
Synonyms: 633040615Rik; Awms3; mAWMS3; MEDA-4; Meda4
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211096 representing NM_027519
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCACTGCAGCGTGCAGCCTGTGGCCAGACCCAGCCTGACCTCCATTTTCATCCGGGGAGCTGCGCA
 GTCTGTGGACGTGCGACTGCGAGCTGGCCCTGCTGCCCTGTGCGAGCTGCTCCGCTACAGCCTGGTGC
 CTTCCAAGTGCAGCGGTGAGCAGCTCCTGGTGCCCGGGCCCGGGGAACCCGCGGCCGACGTGGGGCTTC
 AACGTCTTCGGGGACGGCCTTGTGCGCCTAGAAGGGCAGCTCTATCGCCTCAGCAGCTACATCAAGAGAT
 ATGTGGAAGTACCAACTACTGTGATTATAAAGACTACAGGAAACGATACTGAGCAAACCTATGGTATT
 CTTTATTAACGTGAGACCAAGAAGGACATTTCAAAGAAAGGACCTATGCGTTTCTTGTGAACACAAGG
 CACCCCAAGATAAGAAGACAGATAGAGCAAGGGATGGACATGGTCATTTCCCTCAGTGATTGGAGAAAGCT
 ATAGACTTCAGTTTGATTCCAGGAAGTAGTGAAGAATTTCTCCCTCCAGGAACGATTGTGCTGAATGG
 AGAGAATTTGAGCTTACCTACGAATTCAGGCAGATGCCCTGTTTGATTCTTCTACTGGTTTGGGCTC
 AGCAATTCACCGTAAAAGTGCACGAAAGTTCTGAACTTGACAAGTACGAACCCAGAAAAGAAAGAAA
 CAATCAAGTTATTTCTGGAAAAAATGAGTGAACCTCTAATACGAAGGAGTAGTTTCTCTGATCGGAAAT
 TAGCGTCACATCTAGAGTTCAATAGATGACGTTTTCAACTGCAATCTGTCAACCCAGATCATCGGTTACA
 GAACCACTTTTGGCAGAATTCTCATTTCGAAGTCTTCTGGAATGTGAAGAGACATCCAGCCAACCTATCT
 GA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_027519
Insert Size: 912 bp



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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:	<ol style="list-style-type: none">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_027519.3 , NP_081795.1
RefSeq Size:	2876 bp
RefSeq ORF:	912 bp
Locus ID:	70717
UniProt ID:	Q14BA6
Cytogenetics:	5 G3
Gene Summary:	<p>Involved in processes that promote adipocyte differentiation, lipid accumulation, and glucose uptake in mature adipocytes.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1).</p>