

Product datasheet for **MC216036**

Maneal (NM_001007573) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Maneal (NM_001007573) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Maneal
Synonyms:	Gm50
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216036 representing NM_001007573
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCCGGGCGGGCGCCGCGCTGCATCGCCCTCTTCCTGGTGTCTCTTCGCCTTCGGCAGCTCA
 TGGGGCTGCGCACGCTCAAGGCCCGGACGGGCTGCCGGCGCTGGGCCAGGCCCGGAAGTACACCGTT
 CGAGAGCGTCCCGAGGGGAACCCGCGCCCGCCGCGCCCGGGTGCCTCCCGCGCGCCCGCCGCC
 CCGCCGCGCACCGCCCGCCCGCGCGCTCGCTGGGCCCGGCCAGGCCGATCCTGCGCCAGGCAGAGCC
 TGCGCGTCTACTCCGATCTGCATGCTTTTTACTATTCTGGTACGGGAGCCCGCGCGGAGGGCCACTA
 TATCCACTGGGACCATGTATGGTCCGCACTGGGACCCCAAGATCTCGGCCAGTTACCCGCGTGGCCGC
 CACAGCCCTCCAGATGACTTGGGCTCCAGCTTCTACCCGGAGCTGGGCTTACAGCTCGCGGGACCCCG
 ACGTGCTACGAGACACATGACCAGCTCAAAGAAGCTGCCATTGGAGTTTTGGTTCTCTCTGGTATCC
 ACCTGGCATGGCTGATGATAATGGAGAACCACAGATGACCTGGTACCTGCCATTCTGGACTGCCAT
 CAGTACAACATCCAGGTGGCCTTCCATATCCAACCCTACAAGGGCCGGATGACATCACTGTCCAGGACA
 ACATCAAGTACATCATTGACACGTATGGCTCCCACGGTGCATTCTACCGTTACAAGAATAGCATGGCAA
 GAGCCTCCCACTTTTTATCTACGACTCCTATCTGACATCCCCTGAGGCCCTGGGCCACCTCCTGACA
 CAAATGGGCCTCACTCTATCCGCAACTCCCTATGATGGGGTCTTCATAGCTCTGCTCGTGGAGGAGA
 GCCACACCACGACATCTCGCGCAGGATTCGACGGAATGTACACCTACTTTGCCTCCAATGGCTTCTC
 CTTTGGCTCTCCCATCAGAAGTGGAAAGCTGTGAAGAACTTCTGTGATACCAACAACCTGATGTTATC
 CCTAGCGTGGGGCCTGGGTACATTGATACCAGCATCCGGCCCTGGAACAACCACAATACTCGGAACCGG
 TCAATGGCAAGTACTATGAGACAGCCCTGCAGGCAGCCCTGACTGTGAGGCCCGAGATAGTCTCTATCAC
 CTCTTCAATGAGTGGCACGAGGCACACAGATTGAGAAAAGCTGTCCCAAGACGACGCCAACTCGCCTG
 TATCTGGACTACCTGCCTCACCAGTCCAGCCTGTATTTAGAGCTGACCCCGCGCTGGGCAGGACTTCA
 TCAAGGAAAAGGACAATGGCTGAT**GTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001007573

Insert Size: 1359 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).

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_001007573.2](#), [NP_001007574.1](#)
RefSeq Size: 2751 bp
RefSeq ORF: 1359 bp
Locus ID: 215090
UniProt ID: [Q6P1J0](#)
Cytogenetics: 4 D2.2