

## Product datasheet for **MC216233**

### Manea (NM\_172865) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Manea (NM_172865) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Manea
Synonyms:	4932703L02Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216233 representing NM\_172865  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCAAAATTTGAAGAAGGACCTGCATCCTTTTGTCACTTTTTATTCTATTTATTTTTCTCTGATGA  
 TGGGCTTAAAGATGCTGTGGCCAAACGACGATCCTTTGGACTTGGACTCCTTCCAGA  
 ACTTCATCCACTAAATGCGCATTTCGGAAACAAAGCTGACTTCCAAAGGAGTGATAGAATCAACATGGAA  
 ACAAACACCAAGGCTTTAAAGGCGCTGGCATGACTGTGCTGCCAGCAAAGCCTCTGAGGTGAACCTGG  
 AAGAACTACCTCTGAACTTTTACATGCATTTTATTACAGTTGGTATGGAAATCCACAGTTTGA  
 TGGTAAATATATACTGGAATCATCCGGTCTGGAACACTGGGACCCTCGGATAGCCAAGAAGTATCCA  
 CAAGGACAACATAGTCTCCAGACGACATTGGCTCCAGTTTTATCCTGAGTTAGGAAGTTACAGCTCTC  
 GAGACCCTTCTGCATAGAACTCACATGAAACAAATGCGCTCAGCCTCAATTGGAGTTCTGGCCCTGTC  
 TTGGTACCCACCTGATTCAGGGATGACAATGGCGAAGCTACTGATCACTTGGTGCCAACCATTTTGGAT  
 AAAGCTCATAAATATAATCTGAAGGTCATTTTACATAGAGCCATATAGCAATCGAGATGATCAAACA  
 TGCATCAAATATCAAGTATATTATAGCAAAATATGAAACCATCCAGCCTTTTATAGATACAAGACCAG  
 GACTGGGCATTCTCTGCCATGTTTTATGTCTATGATTCTTACATCACAAGCCTACAATATGGGCAAT  
 CTGTTAACACCCTCCGGATCTCAGAGTGTTCGAGTTCCTTATGATGGATTGTTTATTGCACTTCTAG  
 TAGAAGAAAAGCATAAAAATGATATTCTCAGAGTGGTTTTGATGGTATTACACATATTTGCCACAAA  
 TGGCTTTACATATGGCTCATCTCATCAGAATTGGAATAACCTGAAATCCTTTTGTGAAAAGAACAACCTG  
 ATGTTTATCCCAAGTGTAGGCCAGGATACATAGATAACAAGCATCCGACCATGGAACACTCAGAACACCC  
 GGAACAGAGTCAATGGGAAGTATTATGAAGTTGGTCTAAGTGTGCACTCCAGACCACCCAGTTTAAAT  
 TTCCATCACCTCTTCAATGAGTGGCATGAAGGAACTCAAATTGAAAAGGCTGTCCCAAAAAGAAGTCT  
 AACACGATATACCTGGATTACCGCCTCATAAGCCAAGTCTTTATCTAGAACTAACTCGAAAAGTGGTCTG  
 AAAAATTCAGTAAGGAAAGAATGACGTATGCATTGGATCAACAGCAGCCTGCTTCA**TAA**

**ACGGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_172865

**Insert Size:** 1389 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\\_172865.2](#), [NP\\_766453.2](#)  
RefSeq Size: 4645 bp  
RefSeq ORF: 1389 bp  
Locus ID: 242362  
UniProt ID: [Q6NXH2](#)  
Cytogenetics: 4 A3