

## Product datasheet for **MC219870**

### **Man1c1 (NM\_207237) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Man1c1 (NM_207237) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Man1c1
Synonyms:	A1593348
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC219870 representing NM\_207237  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCTGGT**GAGGAAAGTCCGGGTTTCGTC**CCG**CGCTCGCGTGGGGCTGCGGCTGCCGAGAAGTTC**  
 TTTT**CCTGCTCTTCTCTCGGGCCTCGT**ACCCTGTGCTTTGGCGCCCTGTTCTTCTGCCCA**TTCTC**  
 TCGCCTCAAGCGCCTCTTCTCGGCCTCGCGACCAACAGCCCGCCTGGAGGTGATGGCCGAAATCGCC  
 GGTCA**CCACTCGGTGTCAGAGCAGGAGCCGCTCCCAACCTGCCCTGCGGCTCCGGCCCCGGGTGAGG**  
 ACGATCCAGCCGCTGGT**CGGTGTTCTCGTAGGAAAGGTGGCTGCGGCGAACCCGCCACC**GGCC  
 CCGGGAGGAAGGCAACAGGGT**GCAGCCCTCAGGCCGAGGAAGAGAGCGTCCGGTTCAC**TTT**CGACTAC**  
 AATGGTTTCCGCAGCCGCTT**CGACACCCGGTCTTGGGACAAGGACTGATGAGAGTAAGGAGTCC**CAGA  
 GTCTGGT**GCGAGCTCAGCGAGAGAAAATCAAAGAGATGATGCGGTTTTCTG**CAGAA**TTACCGCCGTTA**  
 TGCGATGGCAAGAA**TGAGCTCCGGCCACTCACA**AGGACGGCTTCGAGGGCAGCATGTTTGGCGGTCTC  
 AGTGGGGTACCATCATCGATTCTT**TGACACCCCTACCTCATGGAGCTGAAAGAGGAGTTC**CAGGAGG  
 CCAAGGCCTGGGTGCAAGACAGCTTCCACCTGAACGTGAGTGGAGAAGCATCTTTGTTTGAAGTGAACAT  
 CCGGTATATCGGAGGACTGCTCTCGGCCTTCTACCTGACTGGAGAAGAGGTGTTCCGAGTGAAGGCCATC  
 AAGCTGGGTGAGAACTGCTGCCTGCCTTCAACACACCCACGGGCATCCCCAAGGGCGTGGTCAACTTCA  
 AAAGCGGTAGCTGGGGCTGGGCCACGGCAGCAGCAGCATCTGGCCGAGTTTGGGTCCCTGCACTT  
 GGAATTCCTGCATCTCACTGA**ACTCTCTGGCAATCCAGTCTTTGCAGAAAAGGTCAAACATATCCGCAAG**  
 GTCTCAGGGAGATTGACAAACCCTT**CGGTCTCTACCCCAACTTCTCAGCCCCACGAGTGGAAACTGGG**  
 TGCAGCATCATGTCTCGGTAGGAGACTTGGGGACAGTTTTTATGAATATTTGATCAAGTCTGGTTGAT  
 GTCAGCCAAAACAGATATGGAGGCTAAAAATATGTACTACGAAGCCTTGGAGGCCATAGAGACCTATCTC  
 GTGAATGTCTCTCCCGGGGCTGACCTACATTGCTGAGTGGCGTGGAGGAATTCTGGACCA**CAAGATGG**  
 GACACCTGCCTGCTTCTCAGGGGGCATGATCGCCCTGGTGCAGATGATGCCAAGGAAGATAAAAGAGC  
 CTACTACCGAGAGCTTGCAGCCAGATCACCAGGACGTGCCATGAGTCTATGCCCGCTCAGACACCAAG  
 CTGGGGCCTGAGGCCTTCTGGTTCAACTCTGGCCGAGAGGCGGTGGCCACACA**ACTGAGCGAGAGCTACT**  
 ACATCTGCGCCCCGAGGTGGTAGAGAGCTACATGTACCTATGGCGGCAGACGCATGACCCCATCTACAG  
 GGAGTGGGGCTGGAGGTGGT**CATGGCCCTGGAGAAACTGT**CGGACGGAAGCCGGCTTCTCGGGGATC  
 CAGGACGTGTACAGCAGTAACCCCAACCATGACAACAGGCAACAGAGCTTCTTCTGGCTGAGACGCTGA  
 AATACCTCTATCTTCTGTCTCTGAAGATAACGTGCTGCTACTGGAAAGACTGGGTGTTCAACACCGAGGC  
 TCATCCGCTGCCCGTCAACCGCTCGGACAGCTTAGCATAGCTGGCCACCCTCAC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_207237

**Insert Size:** 1878 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\\_207237.3](#), [NP\\_997120.1](#)

**RefSeq Size:** 4715 bp

**RefSeq ORF:** 1878 bp

**Locus ID:** 230815

**Cytogenetics:** 4 D3