

## Product datasheet for **RN212016**

### **Man1c1 (NM\_001108687) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Man1c1 (NM_001108687) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Man1c1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN212016 representing NM\_001108687  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCTGGTGGAGAAAGTGCCGGCTTCGTCGCCGCTCGTCGTTGGGGCTGCGGTTGCCGAGAAGTTCC  
 TTTTCTGCTCTTCTCTCGGGCTCGTTACCCTGTGCTTCGGTGCCCTGTTCTGCTGCCCCACTCCTC  
 TCGCCTCAAGCGCCTCTTCTCGGCTCGCGACGACGAGCCCGCCTGGAGGTGATGGCCGAAATCGCC  
 GGCCACCCTCGGTGTCAGAGCAAGAGCCGCTCCCAACCCTGCCCTGCGGCTCCGGCCCCGGGTGAGG  
 ACGATTCCGGCCGCTGGTGGGTGTCCTCGTAGGAAAGGTGGCTGCGGCAACCCGCCACCAGGGCC  
 CCGGGAGAGGGCAACAGGGTTTCAGCCCTCGGCCGACGGAAGAGAGCGTCCGGTTCAGTTTCGACTAC  
 AATAGTTTCCGACCGCCTTCGACACCCGGTCTGGGGACAAGGACTGATGAGAGTCAGGAGTCCAGAG  
 GTCTAGTGAGAGCTCAGAGAGAGAAAATCAAAGAGATGATGCGGTTTTCTGGCAGAGTTACCGCGTTA  
 TCGCATGGGAAGAACGAGCTTCGGCCACTCACAAGGACGGCTTCGAGGGCAGCATGTTTGGCGGTCTC  
 AGTGGGGCGACCATCATCGATTCTCGACACCCCTTACCTCATGGAGCTGAAAGAGGAGTTCAGGAGG  
 CCAAGGCTGGGTGCAAGACAGTTTCCACCTGAACGTGAGTGGAGAAGCATCTTTGTTTGAAGTGAACAT  
 CCGGTATATCGGAGGACTGCTCTCGGCCTTCTACCTGACAGGAGAAGAGGTGTTCCGAGTGAAGGCCATC  
 AAGCTGGGTGAGAACTGCTGCCCGCTTCAACACACCCACGGGCATCCCCAAGGGCGTGGTGAACCTCA  
 AAAGCGGTAGCTGGGGCTGGGCCACCGCGGACGACGAGCATCTGGCGGAGTTTGGGTCCCTGCACTT  
 GGAATCTTGATCTCACTGAACTCTGGCAATCCAATCTTTCAGAAAAGGTGAGAAATATCCGCAAG  
 GTCCTCAGGGAGATTGACAAACCCTTCGGCCTTACCCCAACTTCTCAGCCAGTGAGCGGAACTGGG  
 TACAGCATCAGTCTCAGTCGGGGGACTTGGGGACAGTTTTTATGAATATTTGATCAAGTCTGGTTGAT  
 GTCTGCCAAAACAGATATGGAGGCTAAAACCATGTACTACGAAGCCTTAGAGGCCATAGAGACCTATCTG  
 GTGAATGTCTCTCGGGGGGCTGACCTACATTGCTGAGTGGCGAGGAGGAATTCTGGACCAAGATGG  
 GACACCTTGCTTCTCGGGGGCATGATCGCCCTGGTGCTGAGGATGCCAAGGAAGATAAAAGGGC  
 CTACTACCGAGAGCTTGCAGCCAGATCACCAGGACCTGCCACGAGTCTACGCCGCTCAGACACCAAG  
 CTGGGGCCTGAGGCTTCTGGTTCAACTCTGGCCGAGAGGCGGTGGCCACACAGCTGAGCGAGAGCTATT  
 ACATCTGCGACCTGAGGTGGTGGAGAGCTACATGTACCTGTGGCGCAGACACACGACCCCATCTACAG  
 GGAGTGGGGCTGGGAGGTGGTATGGCCTTGAGAAAACACTGCCGACGGAAGGTGGCTTCTCGGGGATC  
 CAGGACGTGTATAGCAGTAACCCCAACCACGACAACAGGCAACAGAGCTTCTTCTGGCTGAGACTGA  
 AATATCTCTATCTTCTGTCTCTGAAGATGATGTGCTGTGCTGGAAAGACTGGGTGTTCAACACCGAGGC  
 TCATCCACTGCCCGTCAACCGCTCGGACAGCTCCAGCGTGGCTGGGCACCGCCACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001108687
- 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\\_001108687.1](#), [NP\\_001102157.1](#)

**RefSeq Size:** 3767 bp

**RefSeq ORF:** 1878 bp

**Locus ID:** 362625

**Cytogenetics:** 5q36