

## Product datasheet for **RN211286**

### Mansc1 (NM\_001109603) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Mansc1 (NM\_001109603) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Mansc1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN211286 representing NM\_001109603  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCTCTTCGGGGACACAGTTGGCTTACACATTGGTAATCATTTCCTTCTGACACCAAGGCTGTCCG  
 CTGGTCAGAACTGCTTCCACCAAGAGCCTGGAGGATGTTGTCATCGACATTCAGTCTTCGCTTCCAAAGG  
 CATCAGAGGCAATGAGCCATACACATGGCAGCTCAGGAAGACTGCATCGGTGCCTGCTGTCAACACAC  
 GACATAGCCGGGACAAGTCATGTAATTTGATGATCTTCGACACCCGGAAGACAGACAGACAGCCCAACT  
 GTTACCTGTTTTCTGTCCAGTGAGGACGCTGTCCACTGAAGCCAGCCAAGGGCCTTGTGAGCTACAG  
 GCTCTTCAGAGATGTTCCACTGACCAGAGCTAATTCATCACTCCAAAAGTTAACACAAGAGGAGTCTCTC  
 TTACTTGGCCACGCCTTACCAGGAGTCAACCCTGGGGTCCCTCCCCAGCAGGCTACCCAAAGCCACCG  
 GCCTGTTTTGGAGAGACTTATCTTCTCCGAAGTCCACAACCTCCCTGCATTGCAGAAATACATCCAGGT  
 TGATGACGCAAGCAGCAGCCCCCTTCTATGAAGGGAAAAACCATTCTCAGAGCTTACAGCTTCCCTCA  
 GAACTAAACATGGTTACCTGCTCCCTAAAACGCCTCCATTTCCACTGTGGCTCCCCGGGTAGTAACG  
 TCTCTGCCACCCTGAAACCTGCATTCTGCTGGCCAGCATTTAGTGACACCTAAGACTTACAGGCCGAA  
 GGACGCCACCACAGTTCACACGTAACCACTGTGACCTCGGAGTCTCCAGCAGTCCCGTGTCTACAGGT  
 TTTATACCCGTGGTTTTACCCCGAGCAGCTTTGACGACCATCCTTCAAGCACATACAGACTCGAAAGGCA  
 TCTTCAAACAGTGCCCTTTCGAGGAGGCTCCAAGCTAATTCAGACACGAGGCATGGGAAGCGCCCTGC  
 TGCCACTTCTTTGTCAACCTCAGAGTCTCCGTTATAAACAAGACTGCCCCCTGGGAGAACGGGAGGATC  
 AGTGTAGGCAGCATACCAGGAACAGGGGTCCAAACCCCGCATGGCCTTTCATTTGAGAAATGGCTTC  
 TCATTGGGACCCTCCTCTCGGTGTTTTGTTTCTGGTAATAGGCCTCGTCCTCTTGGGTAGGATGCTGGT  
 TGAATCCCTCCGTAGGAAACGCTATTCAAGACTTGACTACTTGATCAATGGGATCTATGTTGACATC**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



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<b>ACCN:</b>	NM_001109603
<b>Insert Size:</b>	1260 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_001109603.2</a></u> , <u><a href="#">NP_001103073.1</a></u>
<b>RefSeq Size:</b>	1260 bp
<b>RefSeq ORF:</b>	1260 bp
<b>Locus ID:</b>	690606
<b>Cytogenetics:</b>	4q43