

Product datasheet for **RN212504**

Mns1 (NM_001007752) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mns1 (NM_001007752) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mns1
Synonyms:	MGC94906
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN212504 representing NM_001007752
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGGCGAACAAAAAGAGAGCGATGAGCTTTAGTAAAAGCATCAGCAGTTAGTAGATGAAAACCTCCGCA
 AATCATTGCACGTACAAGTCTTGAATAAGTTAGAGAGGCAAGCCAAGAACCAAGTCGTGCAAAATGAAAA
 TGATGAGAGAGTGAACGCCAGAGATTCCTCAGAGTGCTGCAGAACGAGCAGTTTGGAGCTGGACATGGAG
 GAAGCCGTCCAAAAGGCAGAAGAGAACAAGAGGATGAGAGATCGGCAGCTTGAGCAGGAAGAGAGACTTG
 CAAACGAACTGGCCAGGCTGAAGCACGAGAGTCTGAAGGATGAGAAGATGAGGCAGCAAGTGAAGAGAA
 CAGTATTGAGCTCAGAGAATTGGAGCAGAACTGAAAGCGGCTTACATGAACAAAGAGAGAGCAGCCAG
 ATTGTTGAGAAGGACGTCATCAAGTACGAGCAAATGAAACGTGATGCGGAGATAGAAAGAATCATGATGG
 AGGAGCACAAAGAGGCTACTGAAGGAAGAGAATGTCAAGCAAGAGAAGCGGGACAAGGAGAGGGCCAGTA
 CTACGTGGACCTGGAGAAGCAGCTTGAAGATCAAGAGAGGAGGAAGCAGGAGGCGTATGAGCAGCTGCTG
 AAGGAAAAACTCATGATAGATGAAATTTGTGAGAAAGATCTACGAGGAGGATCAACTGGAAAGACAGCAAA
 AATTAGAAAAAGGAATGCAATTCAGAAGTACATTAAGAATTCAGAGGGCACAAGACCTCTGGAGACA
 GAAGAAGCGCGAGGAGATGGAGGAAGAGAACAGGAAAACTTAGAGTTTGCAAAAATACAGGAGCAAGA
 GAAGGGGAGCGGATGGCCAGAGTCCAAGAGAGCGAGGAAAAGAGGGTCCAGCGGCAGAAATTTGCTGATCC
 AGAAGCTGGAGGAAACACTGCGGCAGCGTGACGACCTAGAGCGAGTGAGGCAGGAGCTGTACCTGGAGGA
 GTACGCCGAGTTTCATCAAACGAAAATGAAAGAAGAAGTGGAGCAGCGACTCAGGAAGCAGAGGGACAGG
 AAGCAAGACTTTAAAGACCAAATGGCACTGAGGGAAGTATTACTACAGGCTGCAAAAGAGGAGGAAGAGG
 CCTTTAAGAAGGCCATGCTGGCCAAGTTTGTGAAAGATGACCCGATAGAAGTCAATGATCCCAAGAAACA
 ACGGATGAAGCAGCTGGAACACAAACGAGCTGTGGAGAAACTCATCGAAGAACGGCGTAACCAAGTTCCCTT
 GCAGACAAACAACGTGAGCTGGAGGAATTGACGCTACAACAAAGACGGCAGGGCTGCATCAATGAGATTA
 TTGAAGAAGAGAGACTGAGACTCCTCAAAGAACATGCCTCAAAGTTACTAGGCTATCTCCCCAAAGGAGT
 GTTTAAAAAAGAAGCAGATGTGGACATGCTTGGTGAAGAGTTCAGGAAAGCATATCAGAAAAAGAGTGAA
 GTCTGTGAAGAGAAGGGTCTTCA**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001007752
- Insert Size:** 1497 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_001007752.1](#), [NP_001007753.1](#)

RefSeq Size: 1820 bp

RefSeq ORF: 1497 bp

Locus ID: 363093

UniProt ID: [Q6AXQ8](#)

Cytogenetics: 8q24

Gene Summary: May play a role in the control of meiotic division and germ cell differentiation through regulation of pairing and recombination during meiosis.[UniProtKB/Swiss-Prot Function]