

Product datasheet for **RN206451**

Mtss1 (NM_001130563) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mtss1 (NM_001130563) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mtss1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN206451 representing NM_001130563
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGCTTTGCCGTTTCCGTCATGGGCACCCCGGCCCGTGGCAGTGCAGCCGCCCGAGAGCGTGT
 CCTGTCCCGCCCGCGCCGGGAAAATGGAGGCTGTGATCGAGAAGGAATGCAGCGCTCGGAGGCCCTTT
 CCAGACCATCATCAGCGACATGAAGGGGAGCTATCCAGTTTGGGAAGACTTCATAAAACAAAGCAGGGAAG
 CTTCACTCCAGCTTCGGACAACAGTAGTAGCAGCAGCTGCCTTCTGGACGCCTTTAGAAAAGTGGCTG
 ACATGGCCACCAACACACGTGGTGGTACCCGGGAGATCGGCTCAGCGCTCACCAGAATGTGCATGCGACA
 CAGGAGCATCGAGGCCAAGCTAAGGCAGTTCTCCAGCGCTCTGATCGATTGCCTGATAAACCCACTACAA
 GAACAGATGGAGGAGTGAAGAAAAGTGGCCAACCAGCTGGACAAGGACCACGAAAAGAATAAAGAAAG
 CTCGCCAAGAGATAAAAAAGAAGTCTCTGACACGCTGAAACTGCAGAAGAAGGCCAAAAAAGTGGACGC
 TCAGGGGAGAGGTGACATCCAGCCTCAGTTGGACAGCGCTCTCCAGGATGTCAACGATAAATATCTCCTC
 CTGGAGGAAAACAGAAAAGCAGGCTGTGCGCAAAGCACTGATCGAAGAACGTGGCCGGTTCTGCACCTTCA
 TTTCTATGCTGCGGCCAGTGATTGAGGAAGAGATTTCCATGTTAGGAGAAATTACCCACCTTCAGACCAT
 ATCAGAAGATCTGAAGAGCCTGACCATGGACCCTCACAACTGCCTCCTCGAGTGAACAGGTGATTCTG
 GACTTGAAAGGTTCTGATTACAGCTGGTCTATCAGACGCCACCTTCTTCCCCAGCACAAACCATGTCCA
 GAAAGTCAAGTGTCTGCAGCAGCTGAACAGTGTCAACAGCAGTACTCCCGGTCCAGCGGTTCCCATTC
 GCATCCCCCAGCTCGCATTACCGATATCGCAGCTCAACCTGGCCAGCAGGCCCTGTGAGGCTGTCC
 AGCGTGTCTCCACGACTCAGGATTTATATCCAGGACGCCTCCAGTCCAAGTCCCCCTCTCCCATC
 CACTGAGGCTGCCAACCAAGTTGTCTAATGGGTTTTCTACTATAGTTTATCAAGTCCCACGAGG
 GCCCGTGGGTGCAGGCCCTTCCCTCATTGCCTGCCTCCCGCTGCCTCCCTCGGGTACCTCTATC
 CACCTTCTGACTACGCTCATTATTACACCATTGGGCCCGGCATGTTCCCGTCATCTCAGATCCCTAGCT
 GGAAGGACTGGGCAAAGCCAGGACCCTACGACCAGCCACTGGTGAACACTCTCCAGCGCCGCAAAGAGAA
 GCGCGAGGCGGACTCCAGTGGGGGAGGCCCCACGGCCACAGCAGGTCCACCTGCAGCTGTGAAGAGGCA
 CAGAGACCAGGAGCATGACCGTGTGACCGCCCGCCAGGCTGGCGAGGATATGGAGGCTGTGATGAAC
 TGGCCCTCGCCCTGTACGGGGCTCCAGCTGGACGCGCAGAGGAGCAGCCGGGACTCACTACAGTGCTC
 CAGCGGCTATAGCACCCAGACCACCACCCCGTGTGCTCGGAGGATACCATCCCCTCCCAAGTTTCAGAT
 TACGATTATTTCTGTAAAGTGGTGACCAGGAGGCAGAGCAGCAGGAATTTGACAAGTCTCCACCATT
 CAAGGAACAGTGACATCAGCCAGTCTTACAGGCGGATGTTCCAAGCCAAGCGTCCGGCCTAACCGCTGG
 CCTTCCCAACACTCTTGACCTGCTATGGTACACCAGGGGTTGCGACCATCCGAAGGACCCCTCCACC
 AAGCCTTCTGTTGCGCGGGGACCATTTGGAGCTGGTCTATTCTATCAAGACACCAGTGTCCCTGTCA
 AAACCCCAACTGTCCAGACCTCCCTGGGGTTTTGCCATCCCCTCCAGATGGGCCAGAGGAGAGGGGTGA
 GCACAGCCCTGAGTCTCCATCTGTGGGGGAGGGACCCAGGCTGTGAGCAATATACCCTTCTCTGTGG
 AGTGGCCATGCGCCGATCAACCTCCACTTCCAGGCCAAAGCCAGTATACCTGAGGAGCACAGACAAG
 CAATTCCAGAGAGCGAGGCTGAAGACCAGGAAAGAGACCCCTCAAGCACCAGTGTCTCCCCAGGCCGAT
 TCCAGAGAGTGACCCAGCAGACCTGAGCCCAAGGAAAGCCCTCAGGGAGAAGACATGCTGAACGCCATC
 CGGAGGGGAGTGAAGCTGAAGAAGACGACCACCAACGATCGCTCAGCCCTCGCTTCTCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001130563
Insert Size: 2373 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:	<ol style="list-style-type: none">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:	<u>NM_001130563.1</u> , <u>NP_001124035.1</u>
RefSeq Size:	4691 bp
RefSeq ORF:	2373 bp
Locus ID:	362918
Cytogenetics:	7q33