

## Product datasheet for **MC201978**

### **Mtss1 (NM\_144800) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Mtss1 (NM_144800) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mtss1
Synonyms:	2310003N14Rik; BC024131; D130001D01Rik; Mim; mKIAA0429
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC024131 sequence for NM\_144800  
 CGACGCGAGCTGACCTCGTCTGCTGCCCTTTTTCGTTCTCTCTTTATTTTGGAGTTTCAGAAA  
 AAAATTATATTTGGAAGACATTTTTTTTTTTTTTCGTAATGGCGCTGGCCCGGGTCAGCGGGCGGTT  
 TTCTCTGCACCAAGATGGGCTTCGCTTTTCCGTCGTGGGCACTTTGGTGGCTTATTGTCAGTCTTCT  
 CCGGGCATTTTTGGACCAGGAGCCGAGCACTGCACATAGGTGACTCGCCCTCCGGAGCGGCTGGGCGTC  
 TTGGATTGGGACTTGGGGGGCAGAGTGCAGTAAATTGCGAGCACCGCTGCTCTCTGCAAAAACCGCGG  
 CGAGCCGGAGGTAGTTCGCTCCAGGGTAAACCGCTCCCGGGCTGAGCGAGCCCGCCCGTCCGCGATG  
 GCAGCCGCCCGAGAGCGTGTCTGTCCCGCCGCGCCGGGAAAATGGAGGCTGTGATCGAGAAGGAATG  
 CAGCGCGCTTGGAGGCCTCTCCAGACCATCATCAGCGACATGAAGGGGAGCTATCCAGTTTGGGAAGAC  
 TTCATAAAACAAAGCCGAAAGCTACAGTCCCAGCTGCGGACAACAGTAGTAGCAGCAGCTGCCTTCTGG  
 ACGCCTTTCAGAAAGTGGCTGACATGGCCACCAACACACGTGGTGGTACCCGGGAGATCGGCTCAGCTCT  
 CACCAGAATGTGCATGCGGCACCGGAGCATCGAGGCCAAGCTGAGGCAGTTCTCCAGTGTCTTTCGATCGAT  
 TGCCTGATAAACCCACTGCAAGAACAAATGGAGGAATGGAAGAAAGTGGCAACCAGCTGGACAAGGACC  
 ACGCAAAAAGAAATAAAGAAAGCTCGACAAGAGATAAAAAATAAGTCTCTGACACGCTGAAGCTGCAGAA  
 GAAGGCCAAAAAAGTGGACGCTCAGGGGAGGGGCGACATCCAGCCTCAGTTGGACAGCGCTCTCCAGGAT  
 GTCAACGATAAATACCTCCTGTTGGAGGAAACGGAGAAGCAGGCTGTGCGCAAGGCACTCATCGAAGAAC  
 GAGGCCGTTCTGCACCTTCATCTCTATGCTGCGGCCAGTGATCGAGGAAGAGATTTCCATGTTAGGAGA  
 GATTACCCACCTTCAGACCATATCGGAGGATCTGAAGAGCCTGACCATGGACCCTCACAAGCTGCCTCC  
 TCAAGTGAACAGGTGATTTTGGACTTGAAGGTTCTGACTATAGTTGGTCTATCAGACGCTCCTTCTT  
 CTCCCAGTACAATATGTCCAGAAAGTCAAGTGTCTGCAGCAGCCTGAACAGCGTCAACAGCAGTGACTC  
 CCGGTCCAGTGGCTCCACTCGCACTCGCCAGCTCGCATTACCGGTACCGCAGCTTAACCTGGCCAG  
 CAGGCCCCCGTGGGCTGTCCAGCGTGTCTCCACGACTCAGGATTCATATCCAGGACGCTTCCAGT  
 CCAAGTCAACCCTCTCCATGCCACCTGAAGCTGCCAACCAAGTTGTCTAATGGGTTTTCTCACTGTAGTTT  
 ATCAAGTGAATCCCATGCAGGGCCCGTGGGTGCAGGCCCTTTCCCTCATTGCCTGCCTCCCGCCTG  
 CTCCTCGGGTCACTCTGTCCACCTTCTGACTACGCTCATTATTACACCATTGGGCCCGCATGTTCC  
 CGTCATCTCAGATCCCTAGTGGAAAGGACTGGGCAAAGCCAGGACCCTATGACCAGCCACTGGTGAACAC  
 CCTCCAGCGCCGCAAAGAGAAACGTGAGCCAGACTCTAATGGGGGAGGACCCACTACGACAGGAGGGCCA  
 CCTGCAGGTGCTGAAGAGGCGCAGAGACCAAGGAGCATGACGGTGTGAGTGCACACCAGGCTGGTGAAG  
 AGATGGCGGCTGTGAGGAACTGACACTCGCCCTGTCCCGGGGCTCCAGCTGGACGTGCAGAGGAGCAG  
 CCGGGACTCACTACAGTGTCCAGCGGTACAGCACCCAGACCACCACCCCGTGTGCTCTGAGGATACC  
 ATCCCCTCCCAAGTTTCAGATTACGATTATTTCTGTAAAGTGGCGACCAGGAGGAGAGCAGCAAGAAT  
 TCGACAAGTCTCCACCATTCCAAGGAACAGTGACATCAGCCAGTCTTACAGGCGGATGTTCCAAGCCAA  
 GCGTCCAGCCTCAACGGCTGGCCTACCCACCCTCTCGGACCTGTATGGTACACCAGGGGTGGCGACC  
 ATCCGACGGACCCCTTCCACCAAGCCTTGTGTCGCGCCGGGGGACCATCGGAGCTGGTCTATTCCCATCA  
 AGACACCAGTGATCCCTGTCAAACCCCAACTGTCCAGACCTCCCTGGGGTTTTGCCATCCCCTCCAGA  
 TGGGCCAGAGGAGCGGGTGAGCACAGCCCGAGTCTCCATCTGCAGGGGAGGGGCCCCAGGGTGTGAGC  
 AATATACCCTCTTCTTGTGGAGTGGCCAAGCACCCGTCAACCCTCCACTTCCAGGCCAAAGCCAGTA  
 TCCCTGAGGAACACAGACAGGCGATTCCAGAGAGCGAGGCTGAAGACCAGGAAAGGGACCCCAAGTGC  
 CACTGTCTCCCCAGGCCGATTCCAGAGAGTGACCCCGCAGACCTGAGCCCAAGAAAGTCCCTCAGGGA  
 GAAGACATGTTGAACGCCATCCGAGGGGCGTGAAGCTGAAGAAGACGACCACCAACGATCGCTCAGCAC  
 CGCGCTTCTCTTAGGTTCTCTGTTCCAGGAGATGCTGCCAGCGCAACGAACTTTTAAATTAATAAAA  
 GCCTAATTTGCTTGTATCCATTCCAGTCTATAATCAAGCAAACGATTTTGTAGGCAATTCGGAATCCTGC  
 TCTTTTCAAAGTATTCGACATCTTTAGATAAAGAATTAAGCAACATATGTAATTGAAAAAAAAAAAAA A

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_144800  
**Insert Size:** 2280 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="#">BC024131</a></u> , <u><a href="#">AAH24131</a></u>
<b>RefSeq Size:</b>	2941 bp
<b>RefSeq ORF:</b>	2280 bp
<b>Locus ID:</b>	211401
<b>UniProt ID:</b>	<u><a href="#">Q8R1S4</a></u>
<b>Cytogenetics:</b>	15 D1
<b>Gene Summary:</b>	Inhibits the nucleation of actin filaments in vitro.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).