

Product datasheet for **SC337326**

MTSS1 (NM_001282974) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MTSS1 (NM_001282974) Human Untagged Clone
Tag:	Tag Free
Symbol:	MTSS1
Synonyms:	MIM; MIMA; MIMB
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001282974, the custom clone sequence may differ by one or more nucleotides

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ATGGAGGCTGTGATTGAGAAGGAATGCAGCGCGCTCGGAGGCCTCTTCCAGACCATCATCAGCGACATGA
AGGGGAGCTATCCAGTTTGGGAAGATTTCAATAACAAAGCAGGAAAGCTGCAGTCCCAGCTTCGGACAAC
AGTAGTAGCAGCAGCTGCCTTCTTGGACGCTTTCAGAAAAGTGGCTGACATGGCCACCAACACACGTGGT
GGGACCAGGGAGATTGGATCTGCTCTCACCAGGATGTGCATGAGGCACAGAAGCATTGAAGCCAAGCTGA
GGCAGTTTTTCGAGCGCTTAAATTGATTGTCTGATAAACCCACTTCAAGAACAGATGGAAGAAATGGAAGAA
AGTGGCCAACCAGCTGGATAAAGACCACGCAAAAAGAATAAAGAAAGCCCGCAAGAGATAAAAAAGAAG
TCCTCGGATACGCTGAAACTGCAGAAGAAAGCAAAAAAGGGAGAGGTGATATCCAGCCTCAGTTGGACA
GTGCTCTCAAGATGTCAATGATAAGTATCTCTTATTGGAAGAAACAGAAAAGCAGGCTGTCCGGAAGGC
TTTGATTGAAGAACGTGGCCGATTCTGTACCTTCATCTCTATGCTGCGGCCAGTGATTGAAGAAGAAATC
TCAATGCTAGGGAAATAAACCACCTTCAGACCATCTCGGAAGATCTAAAAGCCTGACCATGGACCCTC
ACAAACTGCCCTCCTCAAGTGAACAGGTGATTCTGGACTTGAAAGTTCTGATTACAGCTGGTCGTATCA
GAGCCACCCTCTCCCCAGCACCACCATGTCCAGAAAGTCCAGTGTCTGCAGCAGCCTGAACAGTGTCT
AACAGCAGTGACTCCCGGTCCAGCGGCTCCCACTCGCATTCCCCCAGCTCACATTACCGCTACCGCAGCT
CCAACCTGGCCCAGCAGGCTCCTGTGAGGCTGTCCAGCGTGTCCCTCCCATGACTCAGGATTCATATCCCA
GGATGCCTTCCAGTCCAAGTCCCATCCCCATGCCGCCAGAGGCCCCCAACCAGAACTCGTCCAGCTCG
GCCTCCTCCGAAGCCTCGGAAACCTGCCAGTCACTGAGCGAGTGCAGCTCCCCACCTCTGTGAGCTCGG
GCTCCACCATGGGTGCCTGGGTGTCACAGAGAAGGACTGGGCTAAGCCTGGGCCCTATGACCAGCCTCT
GGTGAACACCTGCAGCGCCGCAAGAGAAGCGAGAACCGGACCCCAACGGGGGAGGACCCACTACCGCC
AGCGGCCACCTGCAGCAGCTGAGGAGGCTCAGAGACCACGGAGCATGACTGTATCGGCTGCCACCAGGC
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GAGGAGCAGCCGGGACTCGCTTCACTGCTCCAGCGGCTACAGCACCCAGACAACCACCCCTGCTGCTCT
GAGGACACCATCCCTTCCCAAGTTTCAGATTATGATTATTTCTCTGTAAGTGGTGACCAGGAGGCAGATC
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CCAAGCCAAGCGTCCAGCCTCACTGCTGGCTCCCCACCACCTGGGACCTGCTATGGTCACTCCAGGG
GTTGCAACTATCCGACGGACCCCTTCCACCAAGCCTTCTGTCCGCGGGGAACATTGGAGCTGGTCCCA
TCCCCATCAAGACACCCGTGATCCCTGTCAAGACCCCAACCGTCCAGACCTCCCAGGGGTGTTGCCAGC
CCCTCCAGATGGGCCAGAAGAGCGGGGGAGCACAGCCCTGAGTCGCCATCTGTGGTGAGGGCCCCAA
GGTGTACCAGCATGCCCTCCTCAATGTGGAGCGCCAAGCTTCCGTTAACCTCCACTCCAGGCCCGA
AGCCCAGTATCCCTGAGGAGCACAGACAGGCAATTCCAGAAAGTGAAGCTGAAGACCAGGAACGGGAACC
CCCAAGTGCCACTGTCTCCCCAGGCCAGATTCCAGAGAGTGACCTGCAGACCTGAGCCCAAGGGATACT
CCACAAGGAGAAGACATGCTGAACGCCATCCGAAGGGCGTGAAACTGAAGAAGACCACGACAAACGATC
GCTCAGCCCTCGCTTTCTTAG
    
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Restriction Sites: SgfI-MluI

ACCN: NM_001282974

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_001282974.1</u> , <u>NP_001269903.1</u>
RefSeq Size:	4979 bp
RefSeq ORF:	2193 bp
Locus ID:	9788
UniProt ID:	<u>O43312</u>
Cytogenetics:	8q24.13
Protein Families:	Druggable Genome
Gene Summary:	<p>May be related to cancer progression or tumor metastasis in a variety of organ sites, most likely through an interaction with the actin cytoskeleton.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) has multiple differences in the coding region but maintains the reading frame, compared to variant 1. This variant encodes isoform 3, which is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>