

Product datasheet for **SC327987**

MST1 (NM_020998) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MST1 (NM_020998) Human Untagged Clone
Tag:	Tag Free
Symbol:	MST1
Synonyms:	D3F15S2; DNF15S2; HGFL; MSP; NF15S2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_020998 edited
 ACCACCATGGGGCTGTGGTGGGTACAGTGCAGCCTCCAGCCAGAAGGATGGGGTGGCTC
 CCACTCCTGTGCTTCTGACTCAATGCTTAGGGGTCCCTGGGCAGCGCTCGCCATTGAAT
 GACTTCCAAGTGTCCGGGGCACAGAGCTACAGCACCTGCTACATGCGGTGGTCCCGGG
 CCTTGGCAGGAGGATGTGGCAGATGCTGAAGAGTGTGCTGGTGCCTGTGGGCCCTTAATG
 GACTGCCGGGCCCTTCCACTACAACGTGAGCAGCCATGGTTGCCAACTGCTGCCATGGACT
 CAACACTCGCCCCACACAGGCTGCGGGCTTCTGGGCGCTGTGACCTCTCCAGAAGAAA
 GACTACGTACGGACCTGCATCATGAACAATGGGGTTGGGTACCGGGGCACCATGGCCACG
 ACCGTGGGTGGCCTGCCCTGCCAGGCTTGGAGCCACAAGTTCCCGAATGATCACAAGTAC
 ACGCCACTCTCCGGAATGGCCTGGAAGAGAACTCTGCCGTAACCCTGATGGCGACCCC
 GGAGGTCTTGGTGTACACAACAGACCCTGCTGTGCGCTTCCAGAGCTGCGGCATCAAA
 TCCTGCCGGGAGGCCGCTGTGTCTGGTCAATGGCGAGGAATACCGGGCGCGGTAGAC
 CGCACGGAGTCAGGGCGGAGTGCCAGCGCTGGGATCTTACGACCCGACACAGCACCCC
 TTCGAGCCGGGAAGTTCCTCGACCAAGGTCTGGACGACAATTTGCCGGAATCCTGAC
 GGCTCCGAGCGGCCATGGTGTACTACTACGGATCCGAGATCGAGCGAGATTCTGTGAC
 CTCCTCCGCTGCGGGTCCGAGGCACAGCCCCGCAAGAGGCCACAACCTGTGAGCTGCTTC
 CGCGGGAAGGGTGGGGTACCGGGGCACAGCCAAATACCACCACTGCGGGCGTACCTTGC
 CAGCGTTGGGACGCGCAAATCCCGCATCAGCACCGATTTACGCCAGAAAAATACGCGTGC
 AAAGACCTTCGGGAGAACTTCTGCCGGAACCCGACGGCTCAGAGGGCCCTGGTGTTC
 ACACTGCGGCCCGGCATGCGCGCGGCCTTTTGTACTACCAGATCCGGCGTTGTACAGACGAC
 GTGCGGCCCCAGGACTGTACCACGGCGCAGGGGAGCAGTACCAGCGGCACGGTCAGCAAG
 ACCCGCAAGGGTGTCCAGTGCACGCGCTGGTCCGCTGAGACGCCGACAAAGCCGAGTTC
 ACGTTTACCTCCGAACCGCATGCACAACCTGGAGGAGAACTTCTGCCGGAACCCAGATGGG
 GATAGCCATGGGCCCTGGTGTACTACGATGGACCAAGGACCCCATTCGACTACTGTGCC
 CTGCGACGCTGCGCTGATGACCAGCCGATCAATCCTGGACCCCCAGACCAGGTGCAG
 TTTGAGAAGTGTGGCAAGAGGGTGGATCGGCTGGATCAGCGCGTTCGAAGCTGCGCGTG
 GTTGGGGGCCATCCGGGCAACTCACCTGGACAGTCAGCTTGGGAAATCGGCAGGGCCAG
 CATTCTGCGGGGGTCTCTAGTGAAGGAGCAGTGGATACTGACTGCCCGGCAGTGTTC
 TCCTCCTGCCATATGCCTCTCACGGGCTATGAGGTATGGTTGGGCACCCTGTTCCAGAAC
 CCACAGCATGGAGAGCCAAGCCTACAGCGGGTCCAGTAGCCAAGATGGTGTGTGGGCC
 TCAGGCTCCAGCTTGTCTGCTCAAGCTGGAGAGATCTGTGACCCTGAACCAGCGTGTG
 GCCTGATCTGCCTGCCCTGAATGGTATGTGGTGCCTCCAGGGACCAAGTGTGAGATT
 GCAGGCTGGGGTGGAGACCAAGGTACGGGTAATGACACAGTCCTAAATGTGCCTTGCTG
 AATGTCATCTTAACCAGGAGTGAACATCAAGCACCGAGGACGTGTGCGGGAGAGTGAG
 ATGTGCACTGAGGGACTGTTGGCCCTGTGGGGCCTGTGAGGGTACTACGGGGGCCCA
 CTTGCCTGCTTTACCCACAACCTGCTGGGTCCTGGAAGGAATTATAATCCCCAACCGAGTA
 TGCGCAAGGTCCCGCTGGCCAGTGTCTTACGCGTGTCTCTGTGTTGTGGACTGGATT
 CACAAGGTCATGAGACTGGGTTAG

Restriction Sites: Please inquire

ACCN: NM_020998

Insert Size: 2348 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).

OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	NM_020998.3 , NP_066278.3
RefSeq Size:	2348 bp
RefSeq ORF:	2178 bp
Locus ID:	4485
UniProt ID:	P26927
Cytogenetics:	3p21.31
Domains:	KR, Tryp_SPc, PAN, PAN_AP
Protein Families:	Druggable Genome
Gene Summary:	<p>The protein encoded by this gene contains four kringle domains and a serine protease domain, similar to that found in hepatic growth factor. Despite the presence of the serine protease domain, the encoded protein may not have any proteolytic activity. The receptor for this protein is RON tyrosine kinase, which upon activation stimulates ciliary motility of ciliated epithelial lung cells. This protein is secreted and cleaved to form an alpha chain and a beta chain bridged by disulfide bonds. [provided by RefSeq, Jan 2010]</p> <p>Transcript Variant: This variant (1) represents the longer, protein-coding transcript.</p>