

Product datasheet for **SC209056**

MSTO1 (NM_018116) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MSTO1 (NM_018116) Human 3' UTR Clone
Symbol:	MSTO1
Synonyms:	LST005; MMYAT; MST
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_018116
Insert Size:	708 bp
Insert Sequence:	>SC209056 3'UTR clone of NM_018116 The sequence shown below is from the reference sequence of NM_018116. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TACCAGGGTGGTACAGCCTCGTGGACTAAAGTTCCCAGTGTGGGAGAAAGGAGCTAGTTTGCAATAAA
AACAGCTGGATGCAGGAGCCAGTGTCTTCATGCAGAGGAGCTCAATGTCGCGGGACTAGCTACACCAA
CATATGCACTTTTACATTTAGAAACACTGTGATTAGACCACAGAACAATAAATATGTGCCATCAGACC
AAAAAAAAAGTAGAGAAAGGAGCTGAACTCCACTCTCGATGCTACTTACAGAGGACATCTGTAAGTCTT
CATAAAAGACCTTGAATGATGCCTAGGATGGCAGAGCCCTGGGTCTACTCCATCCTCCAGCCTTTGT
CCTTGCTCCTGGCCTCCTGCTCTCCAGATCTGTAAACTGGGCTCAAGGACTGTACAAGCAGAGTACAAC
ACCCGCCTCCCGGTGCCAGGGCGCCTGTTGGGTTTGGTCTGTGTAGATGATTCCAGAGTCTCATTC
ATCCAGCTCCTCTCAGACAGAAGGTCCCATGGTCAGACAGCTGGTCTGCATTGCTGGTACTGGTTGC
ATCATCTCATCCTCAGAGCTGGCTTACAGGCAGTGTGGAAGAGCTGCATGAGTTCTCGAAAATGGTG
GGAAACCTAAGAAAGGAGGGGCTGTATTCAGTATCCTTAGTAACATGTTAACATTTATGAAGCACT
ATATATTGATTTGCAAAA
ACGCGTAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites: Sgfl-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_018116.4</u>
Summary:	Involved in the regulation of mitochondrial distribution and morphology (PubMed:17349998, PubMed:28554942, PubMed:28544275). Required for mitochondrial fusion and mitochondrial network formation (PubMed:28554942, PubMed:28544275).[UniProtKB/Swiss-Prot Function]
Locus ID:	55154
MW:	26.7