

Product datasheet for **SC322153**

MSL3L1 (MSL3) (NM_078629) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MSL3L1 (MSL3) (NM_078629) Human Untagged Clone
Tag:	Tag Free
Symbol:	MSL3L1
Synonyms:	MRSXBA; MRXS36; MRXSBA; MSL3L1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322153
 GGCTGCCCCGGAGCCTCGCCCTCCGCCACGATGAGCAAATGAGCGCGAGCGAGGGCATGA
 AATTTAAATTCCTACTCAGGGGAGAAAGTGTGTGCTTCGAGCCTGACCCCAAGGCGC
 GAGTGTGTACGATGCCAAGATTGTTGATGTTATTGTTGGGAAAGACGAAAAAGGCAGAA
 AGATCCAGAATATCTGATCCATTTTAAATGTTGGAACAGAAGCTGGGATAGATGGGCAG
 CAGAAGATCATGTGCTTCGTGATACCGATGAAAATCGTAGATTACAGCGTAAATTGGCAA
 GAAAAGCTGTAGCTCGCTGAGGAGCACAGGAAGAAAGAAGAAGCGCTGCAGGTTGCCTG
 GTGTGGACTCTGTCTTAAAAGGCCTCCCACTGAAGAAAAAGATGAAAATGATGAAAAT
 CATTAAGCAGTTCCTCTGACTGTAGTAAAAACAAGGATGAAGAAATAAGTGAAGAAAGTG
 ATATTGAAGAAAAGACTGAAGTGAAGAAAGAACCAGAGCTTCAAACAAGAAGGAAATGG
 AAGAAAGAACAATAACTATAGAAATCCCTGAAGTTCTGAAGAAGCAGCTGGAGGATGATT
 GTTACTACATTAAACAGGAGGAAACGGTTAGTGAAACTTCCATGCCAGACCAACATCATAA
 CGATTTTGAATCCTATGTGAAGCATTGCTATCAATGCAGCCTTTTCAGCCAATGAGA
 GGCCTCGTACCATCACGTTATGCCACATGCCAACATGAACGTGCATTATATCCCAGCAG
 AAAAGAATGTTGACCTTTGTAAGGAGATGGTGGATGGATTAAGAATAACCTTTGATTACA
 CTCTCCCGTTGGTTTTACTCTATCCATATGAACAAGCTCAGTATAAAAAGGTGACTTCGT
 CTAATTTTTTCTCCAATTAAGGAAAGTGCCACAAGCACTAACAGGAGCCAGGAGGAAC
 TCTCTCCAGTCCGCCTTGTGTAATCCATCCACGCCACAGTCCACAGAGAGTCAGCCGA
 CCACCGGTGAACCAGCCACCCCAAAAGGCGCAAAGCTGAGCCAGAAGCATTGCAGTCTC
 TGAGGGCGTCCACGCGCCACAGTCCAACCTGTGACAGGCTTTCTGAGAGCAGCGCTTAC
 CTCAGCCAAAGCGCCGACAGGACACATCCGCCAGCATGCCAAAGCTTCTCTGCACC
 TGGAAAAGAAGACACCTGTGCATAGCAGATCATTTACCTATTCTCTGACTCCTAGCA
 AGGAAGGGAGTGTGTGTTTGTGGCTTTGAAGGGAGAAGAACTAATGAAATAAACGGAAG
 TCCTCTCTGGAAGCTTGTGCCTGACAATTACCCCCAGGTGACCAGCCGCTCCACCT
 CTTACATTTATGGGGCACAACATTTGCTGCGATTGTTTGTGAACTTCCAGAAATCCTTG
 GAAAGATGCTCTTTCTGAGAAGAATCTGAAGGCTTTATTGAAGCACTTTGATCTCTTTT
 TGAGGTTTTTAGCAGAATACCACGATGACTTCTCCAGAGTCGGCTTATGTCGTCGCT
 GTGAGGCACATTACAGCACCAAGAACCCCGGCAATTTATTAATGTTGTTGTTCTG
 TAAGAGCAACTGCTCTGTCTAGTTTGGCGCTCTGGTTCCAGGTGAATAACTAACAAGGT
 GGTGGGCTTTACCCACAGCGCAAACACAATGCCACCTTGGGGCTCTGTTGTTGAGTT
 GCCACATACTGCAGTTATTCTGTTAGGAATGATTCCCTGGTGCCTGAAAGTCTCTGA
 CAGCACACTTGTACTTTGCAGGCATCTGTGATGGCAAGGAAAAAGCAACTATGTTAC
 AGTGAATATTCGTGGAATAGGTTAGGCCATTTAGTAGACATTGCAGTTAGTTAGCAAG
 AACCACATTGTCTCTTTATTTGTTAGCATTAAACAAATTTTTTTTTTGCAATTGGTTTT
 ATTTTTTTGATGAAGCCGAGCAACTCTGTCCAAAAAGGTTTTAGTTTGTACTCGGAAACCA
 CAAAGTAGTCTCAAAGTATTTTAGAGGGAAATCGATATTGATGGCAAAAAGAAAATTTGCAG
 CTATGCATTTGCTTCTAACGGTTCCTCTCTGTGAAACATTATTTTTGGTGATCTAAGA
 AAGCATTGCCTTTCTTATTTGAGATTTTACAGCTATACTTTGTTGTGAATGTTATGGTT
 CCCTTTCTGATAAATGTTATTTTTGGTGATCTAAATAAAGCCTGTCTTGTGTTGAAAGAAA
 AAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_078629

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_078629.1 , NP_523353.1
RefSeq Size:	2343 bp
RefSeq ORF:	1566 bp
Locus ID:	10943
UniProt ID:	Q8N5Y2
Cytogenetics:	Xp22.2
Domains:	CHROMO
Protein Families:	Transcription Factors
Gene Summary:	<p>This gene encodes a nuclear protein that is similar to the product of the Drosophila male-specific lethal-3 gene. The Drosophila protein plays a critical role in a dosage-compensation pathway, which equalizes X-linked gene expression in males and females. Thus, the human protein is thought to play a similar function in chromatin remodeling and transcriptional regulation, and it has been found as part of a complex that is responsible for histone H4 lysine-16 acetylation. This gene can undergo X inactivation. Alternative splicing results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 2, 7 and 8. [provided by RefSeq, Jul 2010]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (a).</p>