

## Product datasheet for **SC208742**

### MSL3L1 (MSL3) (NM\_078630) Human 3' UTR Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | 3' UTR Clones  |
| Product Name:             | MSL3L1 (MSL3) (NM_078630) Human 3' UTR Clone   |
| Symbol:                   | MSL3L1   |
| Synonyms:                 | DKFZp586J1822; drosophila MSL3-like 1; male-specific lethal 3 homolog (Drosophila); male-specific lethal 3-like 1; MSL3L1; OTTHUMP00000022911; OTTHUMP00000022912  |
| Mammalian Cell Selection: | Neomycin   |
| Vector:                   | pMirTarget (PS100062)  |
| ACCN:                     | NM_078630  |
| Insert Size:              | 702 bp   |
| Insert Sequence:          | <p>&gt;SC208742 3'UTR clone of NM_078630</p> <p>The sequence shown below is from the reference sequence of NM_078630. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> |

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
AGCACCAAGAACCCCGGCAATTTATAAAATGTTGTTGGTTCTGTAAGAGCAACTGCTGTCTAGT
TTGGCGCTCTGGGTTCCAGGTGAATAACTAACAAGGTGGTGGTCTTTACCCACAGCGCAACACAATG
CCCACCTTGGGGCTCTGTTGTTGAGTTGCCACATACTGCAGTTATTCTGTTAGGAATGATTCCTGG
GTGCCTGAAAGTGCTCTGACACGACACTTGTTACTTTGCAGGCCATCTGTGATGGCAAGGAAAAAGCAA
CTATGTTACAGTGAAATATTCGTGGAATAGGTTAGGCCATTTAGTAGACATTGCAGTTAGTTAGCAA
GAACCACATTGTCTCTTTATTTGTTAGCATTAAACAAATTTTTTTTGCAAATTGTTTTATTTTTTG
ATGAAGCCGAGCAACTCTGTCCAAAAGGTTTAGTTTGTACTCGGAAACCACAAAGTAGTCTCAAAGTA
TTTTAGAGGGAATCGATATTGATGGCAAAAGAAAATTTGCAGCTATGCATTTGCTTCTAACGGTTCCT
CTCTGTGAAACATTATTTTTGGTGATCTAAAGAAAGCATTGCCTTTCTTATTTGAGATTTACAGCTAT
ACTTTGTTGTGTAATGTTATGGTTCCCTTTCTGTAAAATGTTATTTTTGGTGATCTAAATAAGCCTGT
CTTGTTTGAAAG
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI


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|                 |   |
|-----------------|---|
| 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).  |
| 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><a href="#">NM_078630.1</a></u>  |
| Summary:        | 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] |
| Locus ID:       | 10943   |
| MW:             | 26.4  |