

Product datasheet for **RN214581**

Msl1 (NM_001107048) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Msl1 (NM_001107048) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Msl1
Synonyms:	RGD1564778
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN214581 representing NM_001107048
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACCATGAGATCCGCAGTGTTC AAGGCGGCCGCGGCCCTGCCGCGGCAACCCGAGCAGCGACTGG
 ACTACGAGCGGGCTGCGGCTCTGGGCGGGCCGAGGACGAGTCCGGGGCGGCCGAAACCCACTTCCTCCC
 CCGGCATCGTAAGCTCAAGGAGCCCGGGCCCCGCTGGCCTCTACCCAGGGCGGGAGCCCCGCGCCCTCT
 CCAGCCGGCTGCGGCGCGGCAAGGGCCGGGTTTGTACTCCCGGCGGGGCGGCCCGGGCAGCAGG
 AAGAGAGCTGGGCGGTTTCGGTGCCTTGCCCTGTCCGCCCCGGCTACCAAACAAGCCGGCATCGGCGG
 GGAGCCAGTGCAGCCGGCGCTGGCTGCAGCCCCCGGCCAAGTATCAGGCGGTGCTGCCATTAGACG
 GGCTCTCTCGTGGCGGCGCCAAAGAGCCTACGCCCTGGGCTGGGACAAGGGTGGGCGGCTCCCCAG
 CTGCCACCGCCTCGGACCGGGGACCCCACTACCTCTGCCGCGGCCACCCCTCGCGCCAC
 CGCCACTGCCGGGACCTGGCGGCCAGTGAGGGCAGATGGAAGAGTATAAGGAAGAGCCCTCTCGGGGT
 GCGGGCGGCTCGGAGCCTCCAGTCAGGCGCCTCGCTCAAACAGATCCTTCTGCTGCAATTGGACCTCA
 TCGAACAGCAGCAGCAGAGTTC AAGCCAAGGAAAAGGAGATCGAGGAGCTGAAGTCGGAGAGAGATAC
 GCTCCTTGCTCGGATTGAACGTATGAAAAGGCGGATGCAGCTGGTAAAGAGGGATAACGAGAAGGAAAGG
 CACAAGCTGTTTCAGGGCTATGAACCTGAAGAGAGAGAGGAAACGGAGTTGTCTGAGAAAATTAAGTGG
 AGCGCCAGCCGGAGCTCTGCGAGACATCCAGGCTCTGCCTTCTAAGCCTTCTCATGTGGCCGGAGTGG
 CAAGGGACACAAAAGGAAAACCCATTTGGAATACAGAAAGAAAGACTCCTGTTAAAAAGCTGGCTCCT
 GAATTTTCAAAATTCAAAACAAAACCTTAAGCACTCTCCATTAAAGAGGAGCCCTGTGGTTCCATAT
 CAGAAACTGTTTGTAAACGTGAATTGAGGAGCCAAGAAACCCAGAAAAGCCCGGTCTTCAGTGGATAC
 CCCACCAAGACTCTGACTCCCCAAAAGGACCCAGCACCCACCCCAAGGAGCAAGCCTTCTCAAGTGAG
 ATGGAAGATTTGCCGTACCTTTCCACCACAGAAATGATTTGTGTCGTTGGCACCAGCCTCCCCATCAC
 CGTTACCATTACGGGAATCCTCTCAAAGAAGGAGGAGACTGTAGCAATTCCTTCTGGAGGGACCACTC
 AGTAGAGCCTCTAAGGGACCCAAATCCTTCAGACATTTTGGAGAACCCTGGATGACAGTGTGTTTTCAAAG
 AGGCATGCGAAACTGGAGCTAGACGAGAAGAGGAGAAAACGATGGGATATTCAGAGGATCAGGGAACAAA
 GAATTTTACAGCGACTGCAGCTCAGAATGTATAAAAAGAAAGGAATTCAGGAATCTGAGCCTGAGGTTAC
 CTCATTTTCCCTGAGCCGATGACGTTGAAAGTTTGATGATTACCCCTTCTTGCTGTGTAGCATTT
 GGACGGCCATTACAAAATTAACCTCCACAGAACTTTGAACTACCTGGTTGGATGAGCGAAGCCGTTGCA
 GATTGGAGATCCAGAAGAAGCAAAACACCTACCGGACTGTAGGAAG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107048

Insert Size: 1800 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).

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:

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_001107048.1, NP_001100518.1

RefSeq Size: 2768 bp

RefSeq ORF: 1800 bp

Locus ID: 303514

Cytogenetics: 10q31