

Product datasheet for **MC222542**

Srl (NM_175347) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Srl (NM_175347) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Srl
Synonyms:	9830004M20Rik; AW108387; sar
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC222542 representing NM_175347
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAGGCGCTGCTCCTGCTCTGCTGTTTCCTGGCCTCCCTGCTGCTTTTCAGACAAGCAGAAGCTGCAAG
 TCTCTGCTTCGGGTGGCACGGAAGATGTTGGCAATTTGTTGGAGAATCATTCTCTGCTGGAGACGCGAG
 TCTAGAGGAGAAGGAAAGGGCGCTTTATGCAGATGCGGCCCTGGAGACAAGAACCTACTCCTTCACTAC
 CCAGACGGCAGGGAGGCTGAGAGCTTGGAGCAGACTCCTGCAGGGGCCCTTCCACTGCCAACGGCCAGG
 GCTCCGAAACCGAAGCTAGCCTGTCCAATACCTCAGCTGCAGAGTCAGCTCCGCCTGGGGATGTTGAAGG
 GCCTGGGAGGAAGAGGAGGGGCCACATGCAGCAGGCACCCTTCTCCAGGAGGGATTGAAGGGCCAGAA
 GAAGAGAGGCCACAGTTCAGTTCGGGAAGGAGCCAGGGCAGGAGGAGGCTGGGGTGGGGTTCCACAG
 AGGGGGCTGCCAGTATGGAGGCAGAAGTCAAGAGGGAAGTAGTGGGGTCCCTGAGGAATTACAGGGACT
 CTTAGGAGATGGGCCTATGAATGAAGCAGCAGGGACAGCAGAGTCTGTAGTCACCCAGTCTCTCCTCCC
 ATAGAGGGTAAAGAGGCAGAAGGTGAGGGCAACACAGGTTCTGATCACCAATCCACAGAGCTAGATTGAA
 CCCAGGATGCCATACCTGCCGGAGATGAATCGGAAGCCAGGGAGGGAGCAGAGGACAAGCCCCAGGACTA
 CTCCTGCAGTCAGAGGACACAGCCACTCCCGGCCTGATCACCAGCCCACAGACCTACATGCAGCCTCT
 GACACGGCATCTTCTGGAGTAGAGGCAGAAGAAGTGCAGAGGAATCAAAGGCTGAGGTGGACACAGAAT
 CTGGGGAGAAGGTTGAGGACCAGGGGAGCCTAGACCTAGCCTGGATGCTGGTTCAGCTATAGAGGCCAA
 TAAACAGTCTGAGTACCCAGGCAAGGGAGACAGAGAACGACTCTCCTGAGGGCCAGGTGCAGGGATG
 TCGGAGGAGGGCCTGGCTGAGGCCTCTTCTGAAGAAGAGGGTGGTGAAGAAGTGAAGAAGGAGAATGGGG
 AAGTTCATTTAAAGAAGAGTCTGGAGAAGACAGTGGTATGGAGCTAGCTCAGAAGAAGAGGGGAGTAC
 CCCTGGGAGGCTGGAGAGCCCCAGAAAACACCCAGGAGCCACAGGACATGAGGAGGAAGTCCCCAGCTT
 GATGTGGAAGATTTGAACACAGGGTTTGAAGCCAGCAAGACCCAGGACATAGAAGCAGAGGCATCCGAAG
 AGAGACAACAGGAGAGAGGGAATCCCGTAATTGCTCAATGGGAAGAGGTGGAGGATGCGAGTGAAGAGGC
 TCCCCTGAGGGACCGCTCCACATTGACAAAACCTGATGCTGAATGAGGACAAGCCAGCTGACGATTAC
 TCAGCGGTGCTGCAGCGACTTCGGAAGATCTATCATACTCCATCAAGCCCCTGGAGCAGTCTTACAAGT
 ACAATGAGCTTCGGCAGCATGAGATCACAGACGGGAGATTACTTCCAAGCCAATGGTGTCTTCTGGG
 ACCGTGGAGTGTGGCAAATCCACCATGATAAACTACCTCCTTGGGTAGAAGATACTCGATAACCACTT
 TATACAGGTGCTGAACCTACCACCTCTGAGTTCAGTGTCTTATGCATGGGCCAAAGCTGAAAACCAATTG
 AGGGCATCGTCATGGCTGCTGATAGTGCCCGATCCTTCTCACCCTGGAAAAGTTTGGCCAGAATTTCT
 GGAGAAGCTGATTGGCATTGAGGTTCCCCACAAGCTTCTAGAACGAGTCACATTCGTGGATACACCAGGC
 ATCATTGAGAACCGAAGCAACAAGAAAGAGGTTACCCCTTCAACGATGTGTGTCAGTGGTTCATCGACA
 GAGCCGACCTCATCTTCGTTGTCTTCGATCCCACAAAGCTGGATGTGGGTCTGGAGTTGGAGATGCTCTT
 CCGCCAACTGAAGGGCCGTGAGTCCCAGATAAGGATCATTTTGAACAAGGCTGACAACCTGGCCACGCAA
 ATGCTCATGCGGGTGTATGGAGCTCTTTTGGAGCTTGGCCCCTCTCATCAATGTCACGGAACTCCAC
 GGGTTTACGTAGCTCCTTCTGGCCACAGGACTATAAGCCTGATACCCACCGGAACTGTTCTCAAAGA
 AGAGACTCTCTCTTGGAAAGACCTGAACCAGGTGATTGAGAACAGGCTAGAGAACAAGATCGCTTTTATT
 CGACAGCATGCCATCCGAGTCCGAATTCATGCCCTTTTAGTTGACCGCTATCTGCAGACTTACAAGGACA
 AAATGACCTTCTCAGTATGGGAACTGGTCTTTAAGGACATTGTGGAAGATCCTGATAAATTCTATAT
 TTTCAAGACCATCCTGGCAAAGACCAATGTGAGCAAGTTTACCTTCCCAACCGTGGGCTTATAAGGAC
 TTCTTTGGCATCAACCCATTTCCAATTTCAAACCTCTCTCAGCAGTGTCTACATGGGGGGTGTCT
 TCCTGGAGAAGATTGAACGAGCCATCACCCAGGAGCTCCCAGCCTTCTGGGTAGCATTGGGCTTGGGAA
 GAATCCAGGTGCTCCTAACTGTGATAAAAACAGGCTGTGGTGGAGACCCCAAAGAATCGCTACAAGAAGCAC
 TAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_175347
Insert Size:	2733 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:	<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_175347.4 , NP_780556.2
RefSeq Size:	4978 bp
RefSeq ORF:	2733 bp
Locus ID:	106393
UniProt ID:	Q7TQ48
Cytogenetics:	16 A1
Gene Summary:	May be involved in the regulation of calcium transport.[UniProtKB/Swiss-Prot Function]