

Product datasheet for **SC316534**

Sarcalumenin (SRL) (NM_001098814) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sarcalumenin (SRL) (NM_001098814) Human Untagged Clone
Tag:	Tag Free
Symbol:	Sarcalumenin
Synonyms:	SAR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC316534 representing NM_001098814.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGGGCGCTGGTCCTGCTCGGCTGCCTCCTGGCCTCGCTCCTGTTCTCAGGACAAGCAGAAGAGACG
GAGGATGCAAAATGAAGAAGCCCCATTGAGGGACCGCTCCACATCGAGAAGACCCTCATGCTGAATGAG
GACAAGCCATCCGATGACTACTCTGCGGTGCTGCAGCGGCTTCGGAAGATCTACCACTCATCCATCAAG
CCTCTGGAGCAGTCCTACAAGTACAATGAGCTCCGGCAGCATGAGATCACAGATGGAGAGATTACCTCC
AAGCCCATGGTACTGTTCTGGGACCGTGGAGTGTGGTAAATCTACCATGATAAACTACCTCCTTGGG
CTGGAAAATACTCGTATCAGCTCTATACAGGCGCTGAACCCACCACCTCTGAGTTCACGGTCTCATG
CATGGGCCTAAGCTGAAAACCATCGAGGCGATCGTCATGGCTGCTGACAGCGCCCGTTCCTTCTCAGCC
CTTGAGAAGTTTGGCCAGAATTTCTAGAGAAGCTGATTGGCATTGAGGTTCCCCACAACTTCTGGAG
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AACGACGTGTGCCAGTGGTTCATCGACAGAGCTGACCTCATCTTGTGCTCTTTGACCCACAAAGCTG
GATGTGGGTCTAGAGCTGGAGATGCTCTCCGCCAGTTGAAGGGCGTGAATCCCAGATAAGGATCATC
CTGAACAAGGCTGACAATCTGGCCACCCAAATGCTCATGCGGGTTTACGGGGCCCTCTTCTGGAGCTTG
GCCCTCTCATCAATGTCACAGAGCCCCAAGGGTTTACGTGAGCTCCTTCTGGCCACAAGAGTATAAG
CCGGACACCCATCAGGAAGTGTCTCCCAAGAAGAGATCTCCCTCCTAGAAGACCTGAATCAGGTGATC
GAGAACAGACTGGAGAACAAGATTGCTTCATCCGCCAGCAGCCATCCGGGTCCGCATCCACGCCCTC
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GAGCTTCCGGGCTCCTGGGTAGCTCGGGCTCGGGAAGAATCCAGGTGCTCTCAACTGTGACAAAACA
GGGTGTAGCGAAACACCAAAAAATCGCTACAGGAAGCAC TAG
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TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001098814

Insert Size: 1422 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).

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:	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:	<u>NM_001098814.1</u>
RefSeq Size:	4219 bp
RefSeq ORF:	1422 bp
Locus ID:	6345
UniProt ID:	<u>Q86TD4</u>
Cytogenetics:	16p13.3
MW:	54.4 kDa
Gene Summary:	May be involved in the regulation of calcium transport.[UniProtKB/Swiss-Prot Function]