

## Product datasheet for **SC214269**

### SR1 (SRI) (NM\_003130) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	SR1 (SRI) (NM_003130) Human 3' UTR Clone
Symbol:	SR1
Synonyms:	CP-22; CP22; SCN; V19
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003130
Insert Size:	1393 bp



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**Insert Sequence:** >SC214269 3'UTR clone of NM\_003130  
The sequence shown below is from the reference sequence of NM\_003130. The complete sequence of this clone may contain minor differences, such as SNPs.  
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GATTTTCATTCAATGTGTCATGAGTGTTAAATCAAGAGGAAGCTGCATGAATGTAATCAACATTC AAC
TGGAGCTCTCCTTTGCTTGCCTCTTTGCCTTCGGTAATATGTATAAACTTACATCACGACTTTCTCTT
AACAGCTGTTGTAAGTTTATTACTTTATGTACAACCTGAAGTTTTGTTTTAGTTTTGATAATAAATTCT
TTGGAACTTTAATAAGATCTAGTCTGTTACACCATTTAGAACTTTCCTGAGCCATTATCAGTCATGCCT
TATTTTCTTGCTAAAACCTATGTAATTTAAGTATGCAAAATGTTTAAGTCACATTATTTATTTTCA
TTGTGAGACACTAAAACCTGTTAATCAGACTACAGCTGTTATCTTTCCTCTCCTACAAAGAATACTCCA
CACATAAAAACCTTAGGTAATGACATAGACGCACTTGGGTGAAATAAAAACAACAAAAAGGTAATCCAG
TAATCCACGTCAGGATTCACCTTAGAAGTTTAGCACACGCCCTTCAAACCTGTTGAATAATTTGATTG
GCAAACTATCTGTACCAAGTCCCTTTTTGTATCTATTTAAACCTTTGTTAACTCTCCTTAAAAAT
CTTGATACATTATAAGCTTAACTATATAAAAAGAAAATTGATAGAAAAAGACTAAGGGAATATATGGAAA
TATTAACAATGTTTATTTGGATGAATGGAATTCTAGATGACTTTAATTTCTTTATATCAGTATTTTT
CAGATTTTCTATATGCTTTCTTTTAAAATCAGATTTTAGTTTTTAAAATACTGATACATCCATTTTGA
TATACCATGTATTCACACTTTAAAAATACACATAGCAGAGTATCGGAAAGTATGTACAAAAACATTGA
TCTGGCTACCACTGGGAGTCAGGATCATGAGTTCATCTTCTTCTTCTTACTGCTTTTCCAAACATTCT
CCAGTAAGCAGGTAACATTTAATGGAAGGAATTTTTTAAAAATTTTAAGCTGTACACTTTCAAG
TAAGATCTGAATTCTAATGCTGGCTTGTGCCTTACTATGTGGTTGGTCATTATAGATAATGCCAG
TTTCAGTTTTCCCATCTTTGAAAAGGAGATAAATATGTTATCTCTTGGGAGTAGTCTCTGAATATGAAGTG
TGTTGATACAAGAAGCACTGACAATGTTTCTGTTTCTTAAATTTAAAACCTGGCCTGGTTTGCCTTTTTT
ATCAAGAGAGCTTAACAGATAAAAAATGAAATTAGTCTATTTTCTACTTGCCAGCAGAGTATCTGTCTT
ATTTTAGGATGCAGTGTGAAACTTACCATTCAACTGAACAACCTAGTTGTCAACTAATGAAAAATAAACA
TTTTCTCTAAGCA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCACCGCCCTTCTATGAAAGG
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**Restriction Sites:** SgfI-MluI

**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:** [NM\\_003130.4](#)

**Summary:** This gene encodes a calcium-binding protein with multiple E-F hand domains that relocates from the cytoplasm to the sarcoplasmic reticulum in response to elevated calcium levels. In addition to regulating intracellular calcium homeostasis it also modulates excitation-contraction coupling in the heart. Alternative splicing results in multiple transcript variants encoding distinct proteins. Multiple pseudogenes exist for this gene. [provided by RefSeq, Mar 2012]

**Locus ID:** 6717

MW: 54.1