

Product datasheet for **RC222838L2V**

SR1 (SRI) (NM_198901) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SR1 (SRI) (NM_198901) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SR1
Synonyms:	CP-22; CP22; SCN; V19
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_198901
ORF Size:	549 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222838).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_198901.1 , NP_944490.1
RefSeq Size:	2012 bp
RefSeq ORF:	552 bp
Locus ID:	6717
UniProt ID:	P30626
Cytogenetics:	7q21.12
Protein Families:	Druggable Genome
MW:	20.2 kDa



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Gene 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]