

## Product datasheet for **RC209964L4V**

### SPARC (NM\_003118) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SPARC (NM_003118) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SPARC
Synonyms:	BM-40; OI17; ON; ONT
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003118
ORF Size:	909 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209964).
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. <a href="#">More info</a>
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:	<a href="#">NM_003118.2</a>
RefSeq Size:	3604 bp
RefSeq ORF:	912 bp
Locus ID:	6678
UniProt ID:	<a href="#">P09486</a>
Cytogenetics:	5q33.1
Domains:	kazal, FOLN
Protein Families:	Druggable Genome



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**MW:** 34.6 kDa

**Gene Summary:** This gene encodes a cysteine-rich acidic matrix-associated protein. The encoded protein is required for the collagen in bone to become calcified but is also involved in extracellular matrix synthesis and promotion of changes to cell shape. The gene product has been associated with tumor suppression but has also been correlated with metastasis based on changes to cell shape which can promote tumor cell invasion. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2015]