

## Product datasheet for **RC215106L4V**

### SSBP1 (NM\_003143) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SSBP1 (NM_003143) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SSBP1
Synonyms:	Mt-SSB; mtSSB; SOSS-B1; SSBP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003143
ORF Size:	444 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215106).
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_003143.1</a>
RefSeq Size:	628 bp
RefSeq ORF:	447 bp
Locus ID:	6742
UniProt ID:	<a href="#">Q04837</a>
Cytogenetics:	7q34
Domains:	SSB
Protein Families:	Druggable Genome



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**Protein Pathways:** DNA replication, Homologous recombination, Mismatch repair

**MW:** 17.26 kDa

**Gene Summary:** SSBP1 is a housekeeping gene involved in mitochondrial biogenesis (Tiranti et al., 1995 [PubMed 7789991]). It is also a subunit of a single-stranded DNA (ssDNA)-binding complex involved in the maintenance of genome stability (Huang et al., 2009) [PubMed 19683501]. [supplied by OMIM, Feb 2010]