

## Product datasheet for **MR226557L3V**

### Stmn1 (NM\_019641) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Stmn1 (NM_019641) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Stmn1
Synonyms:	19k; Lag; Lap18; Op18; P18; P19; Pig; Pp17; Pp18; Pp19; Pr22; Smn
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_019641
ORF Size:	447 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226557).
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_019641.4</a> , <a href="#">NP_062615.1</a>
RefSeq Size:	1070 bp
RefSeq ORF:	450 bp
Locus ID:	16765
UniProt ID:	<a href="#">P54227</a>
Cytogenetics:	4 66.76 cM



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**Gene Summary:**

Involved in the regulation of the microtubule (MT) filament system by destabilizing microtubules. Prevents assembly and promotes disassembly of microtubules. Phosphorylation at Ser-16 may be required for axon formation during neurogenesis (By similarity). Involved in the control of the learned and innate fear.[UniProtKB/Swiss-Prot Function]