

## Product datasheet for **MR215843L4V**

### Ssh2 (NM\_177710) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Ssh2 (NM_177710) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ssh2
Synonyms:	mSSH-2L; SSH-2; SSH-2L
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_177710
ORF Size:	4269 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR215843).
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_177710.4</a> , <a href="#">NP_808378.2</a>
RefSeq Size:	9040 bp
RefSeq ORF:	4272 bp
Locus ID:	237860
UniProt ID:	<a href="#">Q5SW75</a>
Cytogenetics:	11 B5



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**Gene Summary:**

Protein phosphatase which regulates actin filament dynamics. Dephosphorylates and activates the actin binding/depolymerizing factor cofilin, which subsequently binds to actin filaments and stimulates their disassembly. Inhibitory phosphorylation of cofilin is mediated by LIMK1, which may also be dephosphorylated and inactivated by this protein.  
[UniProtKB/Swiss-Prot Function]