

Product datasheet for **MR221943L4V**

Ssh1 (NM_198109) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ssh1 (NM_198109) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ssh1
Synonyms:	AW551225; Gm1394; Gm1395; SSH-1; SSH-1L
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_198109
ORF Size:	3126 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR221943).
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_198109.4
RefSeq Size:	3174 bp
RefSeq ORF:	3129 bp
Locus ID:	231637
UniProt ID:	Q76I79
Cytogenetics:	5 F



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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]