

Product datasheet for **RC212739L4V**

SSH2 (NM_033389) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SSH2 (NM_033389) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SSH2
Synonyms:	SSH-2; SSH-2L
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_033389
ORF Size:	4269 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212739).
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_033389.2 , NP_203747.2
RefSeq Size:	9166 bp
RefSeq ORF:	4272 bp
Locus ID:	85464
UniProt ID:	Q76I76
Cytogenetics:	17q11.2
Protein Families:	Druggable Genome, Phosphatase
Protein Pathways:	Regulation of actin cytoskeleton



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MW: 158 kDa

Gene Summary: This gene encodes a protein tyrosine phosphatase that plays a key role in the regulation of actin filaments. The encoded protein dephosphorylates and activates cofilin, which promotes actin filament depolymerization. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]