Product datasheet for RC202399L1V

SSH3 (NM_017857) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SSH3 (NM_017857) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SSH3
Synonyms:	SSH3L
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_017857
ORF Size:	1977 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202399).
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_017857.2
RefSeq Size:	2894 bp
RefSeq ORF:	1980 bp
Locus ID:	54961
UniProt ID:	Q8TE77
Cytogenetics:	11q13.2
Domains:	DSPc
Protein Families:	Druggable Genome, Phosphatase

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Protein Pathways: Regulation of actin cytoskeleton

MW: 73 kDa

Gene Summary: The ADF (actin-depolymerizing factor)/cofilin family (see MIM 601442) is composed of stimulus-responsive mediators of actin dynamics. ADF/cofilin proteins are inactivated by kinases such as LIM domain kinase-1 (LIMK1; MIM 601329). The SSH family appears to play a role in actin dynamics by reactivating ADF/cofilin proteins in vivo (Niwa et al., 2002 [PubMed 11832213]).[supplied by OMIM, Mar 2008]