

Product datasheet for **RC208396L3V**

SHOC2 (NM_007373) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SHOC2 (NM_007373) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SHOC2
Synonyms:	NSLH1; SIAA0862; SOC2; SUR8
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_007373
ORF Size:	1746 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208396).
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_007373.2
RefSeq Size:	3962 bp
RefSeq ORF:	1749 bp
Locus ID:	8036
UniProt ID:	Q9UQ13
Cytogenetics:	10q25.2
Domains:	LRR, LRR_TYP, LRR_BAC
Protein Families:	Druggable Genome


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MW: 64.9 kDa

Gene Summary: This gene encodes a protein that consists almost entirely of leucine-rich repeats, a domain implicated in protein-protein interactions. The protein may function as a scaffold linking RAS to downstream signal transducers in the RAS/ERK MAP kinase signaling cascade. Mutations in this gene have been associated with Noonan-like syndrome with loose anagen hair. [provided by RefSeq, May 2010]