

## Product datasheet for **RC227370L4V**

### **NSP3 (SH2D3C) (NM\_001142532) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	NSP3 (SH2D3C) (NM_001142532) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SH2D3C
Synonyms:	CHAT; NSP3; PRO34088; SHEP1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001142532
ORF Size:	1518 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC227370).
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_001142532.1</a> , <a href="#">NP_001136004.1</a>
RefSeq Size:	2806 bp
RefSeq ORF:	1521 bp
Locus ID:	10044
UniProt ID:	<a href="#">Q8N5H7</a>
Cytogenetics:	9q34.11
Protein Families:	Druggable Genome
MW:	55.2 kDa



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**Gene Summary:**

This gene encodes an adaptor protein and member of a cytoplasmic protein family involved in cell migration. The encoded protein contains a putative Src homology 2 (SH2) domain and guanine nucleotide exchange factor-like domain which allows this signaling protein to form a complex with scaffolding protein Crk-associated substrate. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2011]