

## Product datasheet for **RC202822L4V**

### SH3PX1 (SNX9) (NM\_016224) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SH3PX1 (SNX9) (NM_016224) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SH3PX1
Synonyms:	SDP1; SH3PX1; SH3PXD3A; WISP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016224
ORF Size:	1785 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202822).
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_016224.3</a>
RefSeq Size:	4291 bp
RefSeq ORF:	1788 bp
Locus ID:	51429
UniProt ID:	<a href="#">Q9Y5X1</a>
Cytogenetics:	6q25.3
Domains:	SH3, PX
Protein Families:	Druggable Genome



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**MW:** 66.6 kDa

**Gene Summary:** This gene encodes a member of the sorting nexin family. Members of this family contain a phosphoinositide binding domain, and are involved in intracellular trafficking. The encoded protein does not contain a coiled coil region, like some family members, but does contain a SRC homology domain near its N-terminus. The encoded protein is reported to have a variety of interaction partners, including of adaptor protein 2, dynamin, tyrosine kinase non-receptor 2, Wiskott-Aldrich syndrome-like, and ARP3 actin-related protein 3. The encoded protein is implicated in several stages of intracellular trafficking, including endocytosis, macropinocytosis, and F-actin nucleation. [provided by RefSeq, Jul 2013]