

## Product datasheet for **RC212334L4V**

### SHISA3 (NM\_001080505) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SHISA3 (NM_001080505) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SHISA3
Synonyms:	hShisa3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001080505
ORF Size:	714 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212334).
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_001080505.1</a> , <a href="#">NP_001073974.1</a>
RefSeq Size:	1971 bp
RefSeq ORF:	717 bp
Locus ID:	152573
UniProt ID:	<a href="#">A0PIX4</a>
Cytogenetics:	4p13
Protein Families:	Transmembrane
MW:	25.7 kDa



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**Gene Summary:**

This gene encodes a single-transmembrane protein which is one of nine members of a family of transmembrane adaptors that modulate both WNT and FGF signaling by blocking the maturation and transport of their receptors to the cell surface. Members of this family contain an N-terminal cysteine-rich domain with a distinct cysteine pattern, a single transmembrane domain, and a C-terminal proline-rich, low complexity region. The encoded protein acts as a tumor suppressor by accelerating beta-catenin degradation. [provided by RefSeq, Jul 2017]