

Product datasheet for **RC230181L4V**

SHISA6 (NM_001173461) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	SHISA6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001173461
ORF Size:	1500 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC230181).

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_001173461.1](#), [NP_001166932.1](#)

RefSeq ORF: 1503 bp

Locus ID: 388336

UniProt ID: [Q6ZSJ9](#)

Cytogenetics: 17p12

MW: 56.2 kDa



Gene Summary:

Involved in maintenance of high-frequency synaptic transmission at hippocampal CA3-CA1 synapses. Regulates AMPA-type glutamate receptor (AMPA) immobilization at postsynaptic density keeping the channels in an activated state in the presence of glutamate and preventing synaptic depression. May play a role in self-renewal and differentiation of spermatogonial stem cells by inhibiting canonical Wnt signaling pathway.[UniProtKB/Swiss-Prot Function]