

## Product datasheet for **MR220273L4V**

### Shisa7 (NM\_172737) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Shisa7 (NM_172737) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Shisa7
Synonyms:	ckamp59
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_172737
ORF Size:	1674 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR220273).
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_172737.4</a> , <a href="#">NP_766325.3</a>
RefSeq Size:	6058 bp
RefSeq ORF:	1677 bp
Locus ID:	232813
UniProt ID:	<a href="#">Q8C3Q5</a>
Cytogenetics:	7 A1



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**Gene Summary:**

Regulator of long-term synaptic potentiation specifically involved in the formation and retrieval of hippocampus-dependent contextual fear memory. Probably regulates induction and maintenance of long-term potentiation at Schaffer collaterals/CA3-CA1 excitatory synapses by affecting the recruitment of AMPA-type glutamate receptor (AMPA) at postsynaptic density.[UniProtKB/Swiss-Prot Function]