

## Product datasheet for **MR215697L4V**

### Shank2 (NM\_001113373) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Shank2 (NM_001113373) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Shank2
Synonyms:	mKIAA1022; ProSAP1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001113373
ORF Size:	4416 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR215697).
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_001113373.2</a> , <a href="#">NP_001106844.2</a>
RefSeq Size:	6359 bp
RefSeq ORF:	4419 bp
Locus ID:	210274
UniProt ID:	<a href="#">Q80Z38</a>
Cytogenetics:	7 F5



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**Gene Summary:**

Seems to be an adapter protein in the postsynaptic density (PSD) of excitatory synapses that interconnects receptors of the postsynaptic membrane including NMDA-type and metabotropic glutamate receptors, and the actin-based cytoskeleton. May play a role in the structural and functional organization of the dendritic spine and synaptic junction (By similarity).[UniProtKB/Swiss-Prot Function]