

## Product datasheet for **MR211252L4V**

### **Snx14 (NM\_172926) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Snx14 (NM_172926) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Snx14
Synonyms:	B830022K16; C330035N22Rik; YR-14
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_172926
ORF Size:	2892 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211252).
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_172926.3</a> , <a href="#">NP_766514.2</a>
RefSeq Size:	3112 bp
RefSeq ORF:	2895 bp
Locus ID:	244962
UniProt ID:	<a href="#">Q8BHY8</a>
Cytogenetics:	9 E3.1



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**Gene Summary:**

Plays a role in maintaining normal neuronal excitability and synaptic transmission. May be involved in several stages of intracellular trafficking (PubMed:24859318). Required for autophagosome clearance, possibly by mediating the fusion of lysosomes with autophagosomes. Binds phosphatidylinositol 3,5-bisphosphate (PtdIns(3,5)P<sub>2</sub>), a key component of late endosomes/lysosomes. Does not bind phosphatidylinositol 3-phosphate (PtdIns(3P)) (By similarity).[UniProtKB/Swiss-Prot Function]