

## Product datasheet for **MR212438L4V**

### **Nap1l4 (NM\_008672) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Nap1l4 (NM_008672) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Nap1l4
Synonyms:	2810410H14Rik; AI316776; D7Wsu30e; Nap2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008672
ORF Size:	1125 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR212438).
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_008672.3</a> , <a href="#">NP_032698.1</a>
RefSeq Size:	2335 bp
RefSeq ORF:	1128 bp
Locus ID:	17955
UniProt ID:	<a href="#">Q78ZA7</a>
Cytogenetics:	7 88.24 cM



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**Gene Summary:**

Acts as histone chaperone in nucleosome assembly (PubMed:28366643). In condensing spermatids, mediates the loading of the heterodimer composed of histones H2AFB1 and HIST1H2BA/TH2B onto the nucleosomes, thereby promoting the replacement of histones to protamine in male germ cells (PubMed:28366643).[UniProtKB/Swiss-Prot Function]