

## Product datasheet for **MR211938L4V**

### Cenj (NM\_001014996) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Cenj (NM_001014996) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cenj
Synonyms:	4932437H03Rik; CPAP; Gm81; LAP; LIP1; Sas4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001014996
ORF Size:	4032 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211938).
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_001014996.2</a> , <a href="#">NP_001014996.2</a>
RefSeq Size:	4385 bp
RefSeq ORF:	4035 bp
Locus ID:	219103
UniProt ID:	<a href="#">Q569L8</a>
Cytogenetics:	14 C3



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**Gene Summary:**

Plays an important role in cell division and centrosome function by participating in centriole duplication. Inhibits microtubule nucleation from the centrosome. Involved in the regulation of slow processive growth of centriolar microtubules. Acts as microtubule plus-end tracking protein that stabilizes centriolar microtubules and inhibits microtubule polymerization and extension from the distal ends of centrioles. Required for centriole elongation and for STIL-mediated centriole amplification. Required for the recruitment of CEP295 to the proximal end of new-born centrioles at the centriolar microtubule wall during early S phase in a PLK4-dependent manner. May be involved in the control of centriolar-microtubule growth by acting as a regulator of tubulin release (By similarity).[UniProtKB/Swiss-Prot Function]