

## Product datasheet for **MR222008L4V**

### Pinx1 (NM\_028228) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Pinx1 (NM_028228) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pinx1
Synonyms:	67-11-3; 2210403116Rik; 2610028A01Rik; AU024023; LPTS; LPTS1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_028228
ORF Size:	999 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222008).
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_028228.3</a> , <a href="#">NP_082504.1</a>
RefSeq Size:	1351 bp
RefSeq ORF:	999 bp
Locus ID:	72400
UniProt ID:	<a href="#">Q9CZX5</a>
Cytogenetics:	14 D1


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**Gene Summary:**

Microtubule-binding protein essential for faithful chromosome segregation. Mediates TRF1 and TERT accumulation in nucleolus and enhances TRF1 binding to telomeres. Inhibits telomerase activity. May inhibit cell proliferation and act as tumor suppressor (By similarity). [UniProtKB/Swiss-Prot Function]