

## Product datasheet for **MR218976L4V**

### Cep72 (NM\_028959) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Cep72 (NM_028959) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cep72
Synonyms:	2610029E11Rik; 4933440J22Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_028959
ORF Size:	1938 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR218976).
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_028959.3</a> , <a href="#">NP_083235.3</a>
RefSeq Size:	3632 bp
RefSeq ORF:	1941 bp
Locus ID:	74470
UniProt ID:	<a href="#">Q9D3R3</a>
Cytogenetics:	13 C1



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**Gene Summary:**

Involved in the recruitment of key centrosomal proteins to the centrosome. Provides centrosomal microtubule-nucleation activity on the gamma-tubulin ring complexes (gamma-TuRCs) and has critical roles in forming a focused bipolar spindle, which is needed for proper tension generation between sister chromatids. Required for localization of KIZ, AKAP9 and gamma-tubulin ring complexes (gamma-TuRCs) (By similarity). Involved in centriole duplication. Required for CDK5RAP22, CEP152, WDR62 and CEP63 centrosomal localization and promotes the centrosomal localization of CDK2 (By similarity).[UniProtKB/Swiss-Prot Function]