

## Product datasheet for **MR211973L4V**

### Pogz (NM\_172683) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Pogz (NM_172683) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pogz
Synonyms:	9530006B08Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_172683
ORF Size:	4227 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211973).
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_172683.3</a>
RefSeq Size:	7642 bp
RefSeq ORF:	4230 bp
Locus ID:	229584
UniProt ID:	<a href="#">Q8BZH4</a>
Cytogenetics:	3 F2.1



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**Gene Summary:**

Plays a role in mitotic cell cycle progression and is involved in kinetochore assembly and mitotic sister chromatid cohesion. Probably through its association with CBX5 plays a role in mitotic chromosome segregation by regulating aurora kinase B/AURKB activation and AURKB and CBX5 dissociation from chromosome arms (By similarity).[UniProtKB/Swiss-Prot Function]