

## Product datasheet for **MR217339L4V**

### Prickle1 (NM\_001033217) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Prickle1 (NM_001033217) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Prickle1
Synonyms:	1110058P22Rik; AW215793; b2b019Clo; mpk1; Prickle
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001033217
ORF Size:	2496 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR217339).
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_001033217.4</a>
RefSeq Size:	4085 bp
RefSeq ORF:	2499 bp
Locus ID:	106042
UniProt ID:	<a href="#">Q3U5C7</a>
Cytogenetics:	15 E3



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**Gene Summary:**

Involved in the planar cell polarity pathway that controls convergent extension during gastrulation and neural tube closure (By similarity). Convergent extension is a complex morphogenetic process during which cells elongate, move mediolaterally, and intercalate between neighboring cells, leading to convergence toward the mediolateral axis and extension along the anteroposterior axis. Necessary for nuclear localization of REST. May serve as nuclear receptor (By similarity).[UniProtKB/Swiss-Prot Function]