

## Product datasheet for **RC219763L4V**

### Prickle 2 (PRICKLE2) (NM\_198859) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Prickle 2 (PRICKLE2) (NM_198859) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Prickle 2
Synonyms:	EPM5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_198859
ORF Size:	2532 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219763).
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_198859.1</a>
RefSeq Size:	8322 bp
RefSeq ORF:	2535 bp
Locus ID:	166336
UniProt ID:	<a href="#">Q7Z3G6</a>
Cytogenetics:	3p14.1
Protein Pathways:	Wnt signaling pathway
MW:	95.6 kDa



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**Gene Summary:**

This gene encodes a homolog of *Drosophila* prickle. The exact function of this gene is not known, however, studies in mice suggest that it may be involved in seizure prevention. Mutations in this gene are associated with progressive myoclonic epilepsy type 5. [provided by RefSeq, Dec 2011]