OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC223861L1V

Prickle (PRICKLE1) (NM_153026) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Prickle (PRICKLE1) (NM_153026) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Prickle
Synonyms:	EPM1B; RILP
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_153026
ORF Size:	2502 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC223861).`
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. More info
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:	NM_153026.1
RefSeq Size:	3293 bp
RefSeq ORF:	2496 bp
Locus ID:	144165
UniProt ID:	Q96MT3
Cytogenetics:	12q12
Domains:	LIM
Protein Families:	Druggable Genome

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Protein Pathways: Wnt signaling pathway

MW: 94.1 kDa

Gene Summary: This gene encodes a nuclear receptor that may be a negative regulator of the Wnt/beta-catenin signaling pathway. The encoded protein localizes to the nuclear membrane and has been implicated in the nuclear trafficking of the transcription repressors REST/NRSF and REST4. Mutations in this gene have been linked to progressive myoclonus epilepsy. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 3. [provided by RefSeq, Sep 2009]