

## Product datasheet for **RR204756L4V**

### Ankle2 (NM\_001047901) Rat Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Ankle2 (NM_001047901) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Ankle2
Synonyms:	Ab2-034; RGD1310191
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001047901
ORF Size:	2793 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR204756).
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_001047901.1</a> , <a href="#">NP_001041366.1</a>
RefSeq Size:	2842 bp
RefSeq ORF:	2796 bp
Locus ID:	360829
UniProt ID:	<a href="#">Q7TP65</a>
Cytogenetics:	12q16



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**Gene Summary:**

Involved in mitotic nuclear envelope reassembly by promoting dephosphorylation of BAF/BANF1 during mitotic exit. Coordinates the control of BAF/BANF1 dephosphorylation by inhibiting VRK1 kinase and promoting dephosphorylation of BAF/BANF1 by protein phosphatase 2A (PP2A), thereby facilitating nuclear envelope assembly. It is unclear whether it acts as a real PP2A regulatory subunit or whether it is involved in recruitment of the PP2A complex (By similarity).[UniProtKB/Swiss-Prot Function]