

## Product datasheet for **RC217981L4V**

### Arp2 (ACTR2) (NM\_001005386) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Arp2 (ACTR2) (NM_001005386) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Arp2
Synonyms:	ARP2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001005386
ORF Size:	1197 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217981).
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_001005386.1</a>
RefSeq Size:	3878 bp
RefSeq ORF:	1200 bp
Locus ID:	10097
UniProt ID:	<a href="#">P61160</a>
Cytogenetics:	2p14
Protein Families:	Druggable Genome
MW:	45.2 kDa



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**Gene Summary:**

The specific function of this gene has not yet been determined; however, the protein it encodes is known to be a major constituent of the ARP2/3 complex. This complex is located at the cell surface and is essential to cell shape and motility through lamellipodial actin assembly and protrusion. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]