

Product datasheet for **RC212631L3V**

p16 ARC (ARPC5) (NM_005717) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	p16 ARC (ARPC5) (NM_005717) Human Tagged ORF Clone Lentiviral Particle
Symbol:	p16 ARC
Synonyms:	ARC16; dj127C7.3; p16-Arc
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_005717
ORF Size:	453 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212631).
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_005717.2
RefSeq Size:	2000 bp
RefSeq ORF:	456 bp
Locus ID:	10092
UniProt ID:	O15511
Cytogenetics:	1q25.3
Domains:	p16_Arc



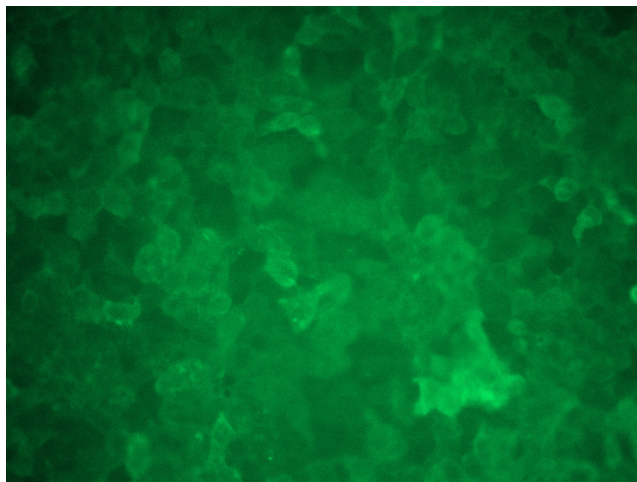
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Protein Pathways: Fc gamma R-mediated phagocytosis, Pathogenic Escherichia coli infection, Regulation of actin cytoskeleton

MW: 16.1 kDa

Gene Summary: This gene encodes one of seven subunits of the human Arp2/3 protein complex. The Arp2/3 protein complex has been implicated in the control of actin polymerization in cells and has been conserved through evolution. The exact role of the protein encoded by this gene, the p16 subunit, has yet to be determined. Alternatively spliced transcript variants encoding different isoforms have been observed for this gene. [provided by RefSeq, Jul 2012]

Product images:



[RC212631L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC212631L3V particle to overexpress human ARPC5-Myc-DDK fusion protein.