

## Product datasheet for **SC214117**

### **p16 ARC (ARPC5) (NM\_005717) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	p16 ARC (ARPC5) (NM_005717) Human 3' UTR Clone
Symbol:	p16 ARC
Synonyms:	ARC16; dj127C7.3; p16-Arc
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005717
Insert Size:	2000 bp



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**Insert Sequence:** >SC214117 3'UTR clone of NM\_005717  
 The sequence shown below is from the reference sequence of NM\_005717. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CGTGTCTTGACTGCAAGAAAACTGTGTAGTCTGGCAGGAAGTGGATTATCTGCCTCGGGAGTGGGAAT
TGCTGGTACAAAGACCAAAACAACCAAATGCCACCGCTGCCCTGTGGGTAGCATCTGTTTCTCTCAGCT
TTGCCCTTCTGCTTTTTCATATCTGTAAAGAAAAAATTACATATCAGTTGTCCTTTAATGAAAATTGG
GATAATATAGAAGAAATTGTGTTAAAATAGAAGTGTTCATCCTTTCAAACCATTTTCAGTGATGTTTA
TACCAATCTGTATATAGTATAATTTACATTCAAGTTAATTGTGCAACTTTTAACCCCTGTTGGCTGGT
TTTTTGTCTGTTTTGTTTTGATTATTTTAACTAATACTGAGAGATTTGGTCAGAATTTGAGGCCAG
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AGTCTTGCTTTATACAAATGTATCCATAAAATATCAGAGCTTGTGGGCATGAACATCAAACCTTTGTT
CCACTAATATGGCTCTGTTTGGAAAAACTGCAAAATCAGAAAGAATGATTTGCAGAAAGAAAGAAAAAC
TATGGTGAATTTAACTCTGGGCAGCCTCTGAATGAAATGCTACTTTCTTTAGAAATATAATAGCTGC
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TCTTAACAAGAACAGTTTGGTAGGGTTTTTATAAGACTATATAGATATAAGATGATAGAGAAGAGAGTC
ATGAATGATGTCAGAGCACTACTGAAGCCTTTGGAGTGATTCCATAGCCTTCTGGATGCCAGCTGAATA
CCTATATGTAGTATCACTGCCAAAGACCTAGACTAGAAAAGTCAAAGTAGCTTAGCAGCTGCAGTCAT
TCACTCCCAGCCTCCAAAATTCTTTTCTTTACCTCAAATCTATTTCTTGTACTTACCTACTCACAGC
GACTTCTGTTTGTCTTTCGATCTTCACTGACTAGATTTCCCACTTTAAAACACTTCCAGGCAATTCAGGG
TCCTATGGGTGAAGATAAGCTAAGCAATAGGTATTATTCTTAAATATTACTTAGAGATGGGGACTTGCT
ATGCTGCCAGGCTGGAGTGCAGTGGCTGTTACAGGTGTGATCATAGTGCAGTGAAGCCTCAAACCTCC
TGGCTTCAAGCAGTCTGCCTCAGCCTCCCGAAAAGGTGGAACACAGGCACATGCCACTGTGCCTTA
ACGCGTAAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_005717.4](#)

**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]

**Locus ID:** 10092

**MW:** 77.4