

Product datasheet for **SC212790**

Arp3 (ACTR3) (NM_005721) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Arp3 (ACTR3) (NM_005721) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ACTR3
Synonyms:	ARP3
ACCN:	NM_005721
Insert Size:	2000 bp



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Insert Sequence: >SC212790 3'UTR clone of NM_005721
 The sequence shown below is from the reference sequence of NM_005721. 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
CACAAATCCAGTGTGGAGTCATGTCGTAATAATTGGCTTCATAGTTATTGGGGTTAGGGAGGTGGGGAA
GAGATAATCTTTCTGATTACCTGTTTTGTCTGGATGGCTGGTTTTGAGGTTTTAAACCTGACTTGAAT
AGTAACACCAAACATGATTATACAGGAATATTTAATAAGTGTATCACCATGCAGATGTAGAAGAGAGC
GAAAGTGATTGTGTTTTCTTTAGATTGAATTTGAATCTTATGTGTAACAAAAAGAAGTGGGTTTTA
GTTCTTTCTGTGCCCTGATATTTGTATATTAATGAATTATCCAAGATTCGATGGGATTTATCAGTGTG
TAGATAGCTCTAATGCTTGAATTGTACACTTCTAAGTGTGCAGTGAAGAGCTTGTATATTTTCAT
ACTTTTTATACTTTGAGGAAAAAAGTCAAAGAAAAATTGATTTGAGGGAAAAAACCATGACCAAGTA
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TAGTATCTTGGATTAAGTATGCTGCTAGTGGCTTTCTGATTACTCGCATTCTGTTTCTGCTTTAAAA
GAAGAGTAAAGACAAGAGTGTGGACCAGTATTGCAGTCTGTAGTGTCAATTTCTATAAAAAACAAAA
CAACAACAATAATTTATCAAAATGGCATAATTTAAAGCCTAACATTCTAATAAAGGCACAAATTTCTTT
TTAATACTTGTTCAGCCTCTTTAATCTCTTTATAAGTAACTAATAAATCTATTTTCTCAGACTTCT
GCAATAGTTCTTTAAATCACAACAGTTAGCAAGCTGACTTTTGTAAATGTGCTCAATACAAATACTTGT
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CTCATTTGCAGTCTGAAAATTTTTTTAGTGCCAGTCCCTGAACATATCATTGAAAGTAAATTTTCTTT
GCATTTTAAAATATCTGATTATGAAGAAAAAGTATGAAAATAAATTAATAACTGAATTACCTTTTCTA
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TGTTTAGTTTTTTGTTTTACTCTAAAGATAGAATTGGGGAGTAACTTCAGTTTTTGTAGAGTGA
TCTGAATATTTAAATCCTATAATAATTTTGTGAATCTTCAATCTTTGAGTATGGGATTGTAAGAC
AACTATATCCTACAGTAGTATCATCATCAGTATCAAAGTCTCCTTTTTTACTTGGAAAAGTAATTC
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AGCCTGTCTCATTTTCCATCATTACACAGACTACTTGGAAATGTCTTAGATGTCCTTGTATTGTAATTT
TCTGTGTAGGTAGAAAATAAATGTAGCTTTCTATTTTACACAAATAGGAACTTACTGTATATACTGTTC
TGCACTTTGCTTTTATTAAGATCTTTTGTAAAGAACTATATTGATAAGCAGTAAAGATGTCATGCTC
CTGGCCAATAAAATATTGTTAGCATTGTCATAAATATGTCTTTTCCACCGCGATGGTTGGGTAGTT
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_005721.5](#)

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. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Mar 2013]

Locus ID: 10096

MW: 77.3