

Product datasheet for **SC204111**

ARPC1B (NM_005720) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ARPC1B (NM_005720) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ARPC1B
Synonyms: ARC41; IMD71; p40-ARC; p41-ARC; PLTEID
ACCN: NM_005720
Insert Size: 357 bp
Insert Sequence: >SC204111 3'UTR clone of NM_005720

The sequence shown below is from the reference sequence of NM_005720. 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
TCAGCCTTGAAGGACCTCAAGATCAAAATGACCTGTGAGGAATATGTTGCCTTCATCCTAGCTGCTGGGG
AAGCGGGGAGAGGGGTCAGGGAGGCTAATGGTTGCTTTGCTGAATGTTTCTGGGGTACCAATACGAGTT
CCCATAGGGGCTGCTCCCTCAAAAAGGGAGGGGACAGATGGGGAGCTTTTCTTACCTATTCAAGGAATA
CGTGCCTTTTTCTAAATGCTTTTCAATTTATTGAAAAAAAAAAAAAAAAATGCCCCAAAGCACTATGCTGGT
CATGAACTGCTTCAAAATGTGGAGGTAATAAATGCAACTGTGTAAAAAAAAAAAAAAAAAAAAAAAAAGTA
ATTATGGACATG
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

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_005720.4](#)



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Summary:

This gene encodes one of seven subunits of the human Arp2/3 protein complex. This subunit is a member of the SOP2 family of proteins and is most similar to the protein encoded by gene ARPC1A. The similarity between these two proteins suggests that they both may function as p41 subunit of the human Arp2/3 complex that has been implicated in the control of actin polymerization in cells. It is possible that the p41 subunit is involved in assembling and maintaining the structure of the Arp2/3 complex. Multiple versions of the p41 subunit may adapt the functions of the complex to different cell types or developmental stages. This protein also has a role in centrosomal homeostasis by being an activator and substrate of the Aurora A kinase. [provided by RefSeq, Mar 2011]

Locus ID:

10095

MW:

13.2