

## Product datasheet for **SC115417**

### ARFIP2 (NM\_012402) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ARFIP2 (NM_012402) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARFIP2
Synonyms:	POR1
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_012402, the custom clone sequence may differ by one or more nucleotides

```
ATGACGGACGGGATCCTAGGGAAGGCAGCCACAATGGAGATCCCTATCCACGGGAACGGCGAAGCCAGGC
AGCTTCTGAAGATGATGGGCTGGAGCAGGACCTCCAGCAGGTGATGGTGTGAGGACCAACCTCAATGA
AACCAGCATTGTGTCTGGTGGCTATGGGGCTCTGGTGTGACTCATCCCCACAGGGTCTGGCCGCCAT
CCATCTCACAGCACCCTCCTTCTGGCCCTGGAGATGAGGTGGCTCGGGCATTGCTGGAGAAAAGTTTG
ACATCGTCAAGAAATGGGGCATCAACACCTATAAGTGCACAAAGCAACTGTTATCAGAACGATTTGGTCG
AGGCTCACGGACTGTGGACCTGGAGCTAGAGCTGCAGATTGAGTTGCTGCGTGAGACGAAGCGCAAGTAT
GAGAGTGTCTGCAGCTGGGCCGGGCACCTGACAGCCACCTCTACAGCCTGCTGCAGACCCAGCATGCAC
TGGGTGATGCCTTTGCTGACCTCAGCCAGAAGTCCCAGAGCTTTCAGGAGGAATTTGGCTACAATGCAGA
GACACAGAACTACTATGCAAGAATGGGGAAACGCTGCTAGGAGCCGTGAACCTCTTTGTCTCTAGCATC
AACACATTGGTCACCAAGACCATGGAAGACACGCTCATGACTGTGAAACAGTATGAGGCTGCCAGGCTGG
AATATGATGCCTACCGAACAGACTTAGAGGAGCTGAGTCTAGGCCCCCGGGATGCAGGGACACGTGGTGC
ACTTGAGAGTGCCAGGCCACTTCCAGGCCATCGGGACAAGTATGAGAAGCTGCGGGGAGATGTGGCC
ATCAAGCTCAAGTTCCTGGAAGAAAACAAGATCAAGGTGATGCACAAGCAGCTGCTGCTCTCCACAATG
CTGTGTCCGCCTACTTTGCTGGGAACCAGAAACAGCTGGAGCAGACCCCTGCAGCAGTTCAACATCAAGCT
CGGCCCTCCAGGAGCTGAGAAACCCTCCTGGCTAGAGGAGCAGTGA
```



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_012402 unedited  
 GTATACGACTCCTATAGGGCGGCCGGAATTCGCACGAGGCTGGAGCCCGAGGTCCCCGC  
 GCGGCCCGGGCCTGGCGCCCTGAGGGGAAGAGCGGCCCGCCGAGCCATGACGGACGGG  
 ATCCTAGGGAAGGCAGCCACAATGGAGATCCCTATCCACGGGAACGGCGAAGCCAGGCAG  
 CTTCTGAAGATGATGGGCTGGAGCAGGACCTCCAGCAGGTGATGGTGTGACAGCCCAAC  
 CTCAATGAAACCAGCATTGTGTCTGGTGGCTATGGGGCTCTGGTGTGACTCATCCCC  
 ACAGGGCTGGCCGCCATCCATCTCACAGCACCCTCTTCTGGCCCTGGAGATGAGGTG  
 GCTCGGGGCATTGCTGGAGAAAAGTTTGACATCGTCAAGAAATGGGGCATTCAACACCTAT  
 AAGTGCACAAAGCAACTGTTATCAGAACGATTTGGTCGAGGCTCACGGACTGTGGACCTG  
 GAGCTAGAGCTGCAGATTGAGTTGCTGCGTGAGACGAAGCGCAAGTATGAGAGTGTCTG  
 CAGCTGGGCCGGGCACTGACAGCCACCTCTACAGCCTGCTGCAGACCCAGCATGCACTG  
 GGTGATGCCTTTGCTGACCTCAGCCAGAAGTCCCCAGAGCTTCAGGAGGGAATTTGGCTA  
 CAATGCAGAGACACAGAACTACTATGCAAGAATGGGAAACGCTGCTAGGAGCCGTGAA  
 CTTCTTTGTCTCTAGCATCAACACATTGGTCACCAAGACATGGAAGACACGCTCATGACT  
 GTGAAACAGTATGAGGGCTGCCAGCTGGAATATGATGCCTACCGAACAGACTTAGAGGAG  
 CTGAGTCTAGGCCCCCGGATGCAGGGACAACGTGGTCGACTTGNAAGTCCCCAGNCCC  
 ACTTNCAGGCCCATCG

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_012402 unedited  
 ACCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTGGCTTTTATGAAAGGTTT  
 ATTCTAGTGCTAGATCCCAATCTTCTGGGCTCTAAGCACAAATAAAGTGGTGGGTGG  
 GTGAGGGTAGGCCTATTCAGATGCAAGGCCAGCAATGGGGCTCCCATTATCCCCACCC  
 TTTGGTCCAGTCCCCTTCTCTGCAATGGGCACGCATAGAGGAGAGACAAAGGTATTAG  
 ACGCAACATCATTGGCCAGGGAGTCCGAGAAGAGCTGCCATTGGCTGACAGGGCATT  
 TCAGGCTCTGTCATTGGTCAGGGAGCACACCCAGCCTGAAGAGTGATGCCATTGGCCAG  
 GGAGTGGTTTTGTATAGCCGTTGGCTGTGAAGTGAAGGAAAAGATCTGGGAATGAAGC  
 CCTGTGGCCAGGAAGATAGACAGGGCAGCAACTTCTGGCCCTCCAGGCCCTTTCCACC  
 ATAGCAATGTGGGCAAACTGGTGTGAGCCCAAGCCAGAAAAGGAGCCCAAGCCAGAGG  
 GCAAGTGACAAAGGATGTACCATGTCCAATCTCCACACCCTGNGGCTGCCCTTTCCAAT  
 GTCTCTCTTGTATAACCAAGGTTGGGCTGGGAGCAACTCACTTGCTCTCTAAGCACAG  
 AAGTTTTCTTCAACTCCTTGAAGCCGCCACTTTGATGTTGAAGTGTGACAGGCTGTGCT  
 CCAACTGTTCTGATCCCAACAAAATAAGCGGCCACACCATTGTGAACAACAACAAC  
 GTTTGGGCATCACCTTGAAGTGTGTTTTTCCACGACCTTGAAGTGTGACACATATCCC  
 CCGAATTTCCATATTGTCTCCAAGGCCTGGAAAATGGCCCTGGCCCTTTAAATTACCCCG  
 TGTTCCTGTTCCCGGGCCTAAATAACTCT

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_012402

**Insert Size:**

1970 bp

**OTI Disclaimer:**

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**Components:**

The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_012402.2](#), [NP\\_036534.1](#)

**RefSeq Size:** 2596 bp

**RefSeq ORF:** 1026 bp

**Locus ID:** 23647

**UniProt ID:** [P53365](#)

**Cytogenetics:** 11p15.4

**Protein Families:** Druggable Genome

**Gene Summary:** Putative target protein of ADP-ribosylation factor. Involved in membrane ruffling.  
[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) differs in the 5' UTR, and uses an alternate in-frame splice site in the 5' coding region, compared to variant 1, resulting in an isoform (2) that is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.