

## Product datasheet for **SC320592**

### 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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_012402.2  
 GGGAACTGGAGCCCGAGGTCCCCGCGCGGCCCGGGCCTGGCGCCCTGAGGGGAAGAGCGG  
 CCCGGCCCGAGCCATGACGGACGGGATCCTAGGGAAGGCAGCCACAATGGAGATCCCTAT  
 CCACGGGAACGGCGAAGCCAGGCAGCTTCTGAAGATGATGGGCTGGAGCAGGACCTCCA  
 GCAGGTGATGGTGCAGGACCCAACCTCAATGAAACCAGCATTGTGTCTGGTGGCTATGG  
 GGGCTCTGGTGTGAGACTCATCCCACAGGGTCTGGCCGCCATCCATCTCACAGCACCAC  
 TCCTTCTGGCCCTGGAGATGAGGTGGCTCGGGGCATTGCTGGAGAAAAGTTTGACATCGT  
 CAAGAAAATGGGGCATCAACACCTATAAGTGCACAAAGCAACTGTTATCAGAACGATTGG  
 TCGAGGCTCACGACTGTGGACCTGGAGCTAGAGCTGCAGATTGAGTTGCTGCGTGAGAC  
 GAAGCGCAAGTATGAGAGTGTCTGCAGCTGGGCCGGGCACTGACAGCCACCTCTACAG  
 CCTGCTGCAGACCAGCATGCACTGGGTGATGCCTTTGCTGACCTCAGCCAGAAGTCCCC  
 AGAGCTTCAGGAGGAATTTGGCTACAATGCAGAGACACAGAACTACTATGCAAGAATGG  
 GGAACCGTGTAGGAGCCGTGAACCTTCTTTGCTCTAGCATCAACACATTGGTCACCAA  
 GACCATGGAAGACAGCTCATGACTGTGAAACAGTATGAGGCTGCCAGGCTGGAATATGA  
 TGCTACCGAACAGACTTAGAGGAGCTGAGTCTAGGCCCCGGGATGCAGGGACAGTGG  
 TCGACTTGAGAGTGCCCAGGCCACTTCCAGGCCCATCGGGACAAGTATGAGAAGCTGCG  
 GGGAGATGTGGCCATCAAGCTCAAGTTCCTGGAAGAAAACAAGATCAAGGTGATGCACAA  
 GCAGCTGCTGCTTCCACAATGCTGTGTCCGCCTACTTTGCTGGGAACCAGAAACAGCT  
 GGAGCAGACCCTGCAGCAGTTCAACATCAAGCTGCGGCCCTCCAGGAGCTGAGAAACCTC  
 CTGGCTAGAGGAGCAGTGAAGTGTCCCAGCCAACTTGGCTATCAAGAAAGACATTGGG  
 AAGGGCAGCCCCAGGGTGTGGGAGATTGGACATGGTACATCCTTTGCTCACTTGCCTCTG  
 GCTTGGGCTCCTTTTCTGGCTGGGGCTGACACCAGTTTTGCCACATTGCTATGGTGG  
 GAAGAGGGCCTGGAGGCCAGAAGTTGCTGCCCTGTCTATCTTCTGGCCACAGGGCTTC  
 ATCCCAGATCTTTTCTTCCACTTACAGCCAACGGCTATGACAAAACCACTCCCTGGC  
 CAATGGCATCACTCTTCCAGGCTGGGGTGTGCTCCCTGACCAATGACAGAGCCTGAAAATG  
 CCCTGTGACGCAATGGCAGCTCTTCTCGGACTCCCCTGGGCAATGATGTTGCGTCTAAT  
 ACCCTTTGCTCTCTCTATGCGTGCCCATGACAGAGAAGGGGACTGGGACCAAAGGGGT  
 GGGGATAATGGGAGCCCCATTGCTGGCCTTGATCTGAATAGGCTACCTCACCCACC  
 CACCCAGTTAATTGTGCTTAGAGCCCAAGAAGATTGGGATCTAGCACTAGGAATAAAC  
 TTCATAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_012402

**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).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_012402.2</a> , <a href="#">NP_036534.1</a>
<b>RefSeq Size:</b>	2596 bp
<b>RefSeq ORF:</b>	1026 bp
<b>Locus ID:</b>	23647
<b>UniProt ID:</b>	<a href="#">P53365</a>
<b>Cytogenetics:</b>	11p15.4
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	<p>Putative target protein of ADP-ribosylation factor. Involved in membrane ruffling. [UniProtKB/Swiss-Prot Function]</p> <p>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.</p>