

## Product datasheet for **RC232598**

### ARFIP2 (NM\_001242854) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** ARFIP2 (NM\_001242854) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** ARFIP2  
**Synonyms:** POR1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RC232598 representing NM\_001242854  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGACGGACGGGATCCTAGGGAAGGCAGCCACAATGGAGATCCCTATCCACGGGAACGGCGAAGCCAGGC  
AGCTTCCTGAAGATGATGGGCTGGAGCAGGACCTCCAGCAGGTGATGGTGTCCAGGACCAACCTCAATGA  
AACCAGCATTGTGTCTGGTGGCTATGGGGCTCTGGTGTGACTCATCCCACAGGGAAGTCAATTTCA  
TGTGCTCGAAGAGAAGTATGGGTGGGGCCACAGAGGTGTCTGGTGTATCTGAGAGAGGCTGGTGTCAAG  
AACTTGATCCTTTAGGGTCTGGCCGATCCATCTCACAGCACCCTCTTCTGGCCCTGGAGATGAGGT  
GGCTCGGGCATTGCTGGAGAAAAGTTGACATCGTCAAGAAATGGGGCATCAACACCTATAAGTGCACA  
AAGCAACTGTTATCAGAACGATTTGGTCGAGGCTCACGGACTGTGGACCTGGAGCTAGAGCTGCAGATTG  
AGTTGCTGCGTGAGACGAAGCGCAAGTATGAGAGTGTCTGCAGCTGGGCCGGGCACTGACAGCCCACCT  
CTACAGCCTGCTGCAGACCCAGCATGCACTGGGTGATGCCTTTGCTGACCTCAGCCAGAAGTCCCCAGAG  
CTTCAGGAGGAATTTGGCTACAATGCAGAGACACAGAACTACTATGCAAGAATGGGAAACGCTGCTAG  
GAGCCGTGAACCTCTTTGTCTAGCATCAACACATTGGTCACCAAGACCATGGAAGACAGCTCATGCA  
TGTGAAACAGTATGAGGCTGCCAGGCTGGAATATGATGCCTACCGAACAGACTTAGAGGAGCTGAGTCTA  
GGCCCCGGGATGCAGGGACACGTGGTCTGAGAGTGCCAGGCCACTTTCCAGGCCATCGGGACA  
AGTATGAGAAGCTGCGGGGAGATGTGGCCATCAAGCTCAAGTTCTGGAAGAAAACAAGATCAAGGTGAT  
GCACAAGCAGCTGCTGCTCTCCACAATGCTGTGTCCGCCTACTTTGCTGGGAACCAGAAACAGCTGGAG  
CAGACCTGCAGCAGTTCAACATCAAGTGCGGCTCCAGGAGCTGAGAAACCCTCTGGCTAGAGGAGC  
AG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC232598 representing NM\_001242854  
Red=Cloning site Green=Tags(s)

MTDGILGKAATMEIPIHNGEARQLPEDDGLEQDLQQVMVSGPNLNETSIVSGGYGGSGDGLIPTGKSIS  
 CARREVWVGPQRCLVYLREAGVRELDPLGSGRHP SHSTTPSGPGDEVARGIAGEKFDIVKKWGINTYKCT  
 KQLLSERFGRGSRTVDLELELQIELLRETKRKYESVLQLGRALTAHLYSLLQTQHALGDAFADLSQKSPE  
 LQEEFGYNAETQKLLCKNGETLLGAVNFFVSSINTLVTKTMEDTLMTVKQYEAARLEYDAYRTDLEELSL  
 GPRDAGTRGRLESAQATFQHRDKYEKLRGDVAIKLKFLEENKIKVMHKQLLLFHNAVSAYFAGNQKQLE  
 QTLQQFNIKLRPPGAEKPSWLEEQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

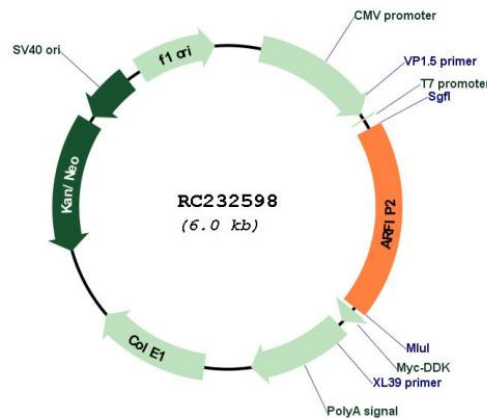
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001242854

<b>ORF Size:</b>	1122 bp
<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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_001242854.3</a>
<b>RefSeq Size:</b>	3864 bp
<b>RefSeq ORF:</b>	1125 bp
<b>Locus ID:</b>	23647
<b>Cytogenetics:</b>	11p15.4
<b>Protein Families:</b>	Druggable Genome
<b>MW:</b>	42 kDa
<b>Gene Summary:</b>	Putative target protein of ADP-ribosylation factor. Involved in membrane ruffling. [UniProtKB/Swiss-Prot Function]