

Product datasheet for **RG232598**

ARFIP2 (NM_001242854) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: ARFIP2 (NM_001242854) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: ARFIP2
Synonyms: POR1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG232598 representing NM_001242854
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACGGACGGGATCCTAGGGAAGGCAGCCACAATGGAGATCCCTATCCACGGGAACGGCGAAGCCAGGC
AGCTTCTGAAGATGATGGGCTGGAGCAGGACCTCCAGCAGGTGATGGTGTGAGGACCAACCTCAATGA
AACCAGCATTGTGTCTGGTGGCTATGGGGCTCTGGTGTGAGACTCATCCACAGGGAAGTCAATTTCA
TGTGCTCGAAGAGAAGTATGGGTGGGCCACAGAGGTGTCTGGTGTATCTGAGAGAGGCTGGTGTGAGAG
AACTTGATCCTTTAGGGTCTGGCCGCCATCCATCTCACAGCACCCTCCTTCTGGCCCTGGAGATGAGGT
GGCTCGGGGCATTGCTGGAGAAAAGTTTGACATCGTCAAGAAATGGGGCATCAACACCTATAAGTGACACA
AAGCAACTGTTATCAGAACGATTTGGTTCGAGGCTCACGGACTGTGGACCTGGAGCTAGAGCTGCAGATTG
AGTTGCTGCGTGAGACGAAGCGCAAGTATGAGAGTGCCTGCAGCTGGGCCGGGCACTGACAGCCCACT
CTACAGCCTGCTGCAGACCCAGCATGCACTGGGTGATGCCTTTGCTGACCTCAGCCAGAAGTCCCCAGAG
CTTCAGGAGGAATTTGGCTACAATGCAGAGACACAGAACTACTATGCAAGAATGGGGAAACGCTGCTAG
GAGCCGTGAACCTTTTGTCTCTAGCATCAACACATTGGTCACCAAGACCATGGAAGACACGCTCATGAC
TGTGAAACAGTATGAGGCTGCCAGGCTGGAATATGATGCCTACCAAGACAGACTTAGAGGAGCTGAGTCTA
GGCCCCGGGATGCAGGGACACGTGGTTCGACTTGAGAGTGCCAGGCCACTTTCCAGGCCCATCGGGACA
AGTATGAGAAGCTGCGGGGAGATGTGGCCATCAAGCTCAAGTTCTGGAAGAAAACAAGTCAAGGTGAT
GCACAAGCAGCTGCTGCTCTCCACAATGCTGTGTCCGCCTACTTTGCTGGGAACCAGAAACAGCTGGAG
CAGACCCTGCAGCAGTTCAACATCAAGCTGCGGCCTCCAGGAGCTGAGAAACCCTCCTGGCTAGAGGAGC
AG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG232598 representing NM_001242854
Red=Cloning site Green=Tags(s)

MTDGILGKAATMEIPIHNGEARQLPEDDGLQDLQQVMVSGPNLNETSIVSGGYGGSGDGLIPTGKSIS
 CARREVWVGPQRCLVYLREAGVRELDPLGSGRHP SHSTTPSGPGDEVARGIAGEKFDIVKKWGINTYKCT
 KQLLSERFGRSRTVDLELELQIELLRETKRKYESVLQLGRALTAHLYSLLQTQHALGDAFADLSQK SPE
 LQEEFGYNAETQKLLCKNGETLLGAVNFFVSSINTLVTKTMEDTLMTVKQYEAARLEYDAYRTDLEELSL
 GPRDAGTRGRLESAQATFQAHRDKEYEKL RGDVAIKLKFLEENKIKVMHKQLLLFHNAVSAYFAGNQKQLE
 QTLQQFNILRPPGAEKPSWLEEQ

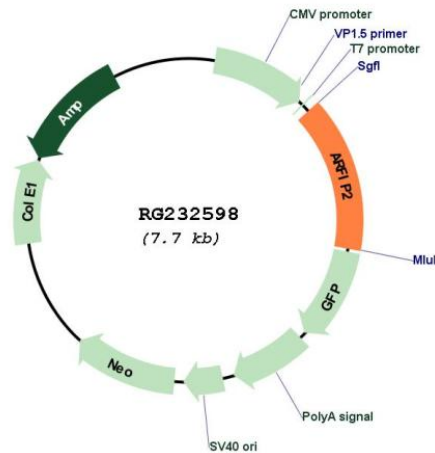
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001242854

ORF Size:	1122 bp
OTI Disclaimer:	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. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	<ol style="list-style-type: none">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_001242854.3
RefSeq Size:	3864 bp
RefSeq ORF:	1125 bp
Locus ID:	23647
Cytogenetics:	11p15.4
Protein Families:	Druggable Genome
Gene Summary:	Putative target protein of ADP-ribosylation factor. Involved in membrane ruffling. [UniProtKB/Swiss-Prot Function]