

Product datasheet for **RC232301**

ARFIP2 (NM_001242856) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: ARFIP2 (NM_001242856) 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: >RC232301 representing NM_001242856
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAAACCAGCATTGTGTCTGGTGGCTATGGGGGCTCTGGTGATGGACTCATCCCCACAGTGCACAAAGC
AACTGTTATCAGAACGATTTGGTCGAGGCTCACGGACTGTGGACCTGGAGCTAGAGCTGCAGATTGAGTT
GCTGCGTGAGACGAAGCGCAAGTATGAGAGTGTCTGCAGCTGGGCCGGGCACTGACAGCCACCTCTAC
AGCCTGCTGCAGACCCAGCATGCACTGGGTGATGCCTTTGCTGACCTCAGCCAGAAGTCCCAGAGCTTC
AGGAGGAATTTGGCTACAATGCAGAGACACAGAACTACTATGCAAGAATGGGGAACGCTGCTAGGAGC
CGTGAACCTTTTGTCTCTAGCATCAACACATTGGTCACCAAGACCATGGAAGACACGCTCATGACTGTG
AAACAGTATGAGGCTGCCAGGCTGGAATATGATGCCTACCGAACAGACTTAGAGGAGCTGAGTCTAGGCC
CCCGGGATGCAGGGACACGTGGTCGACTTGAGAGTGCCAGGCCACTTTCCAGGCCCATCGGGACAAGTA
TGAGAAGCTGCGGGGAGATGTGGCCATCAAGCTCAAGTTCCTGGAAGAAAACAAGATCAAGGTGATGCAC
AAGCAGCTGCTGCTTTCCACAATGCTGTGTCCGCCTACTTTGCTGGGAACCAGAAACAGCTGGAGCAGA
CCCTGCAGCAGTTCAACATCAAGCTGCGGCCTCCAGGAGCTGAGAAACCCTCTGGCTAGAGGAGCAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA



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Protein Sequence: >RC232301 representing NM_001242856
 Red=Cloning site Green=Tags(s)

MKPALCLVAMGALVMDSSPQCTKQLLSEFRGRSRTVDLELELQIELLRETKRKYESVLQLGRALTAHLY
 SLLQTQHALGDADFADLSQKSPELQEEFGYNAETQKLLCKNGETLLGAVNFFVSSINTLVTKMEDTLMTV
 KQYEAARLEYDAYRTDLEELSLGPRDAGTRGRLESAQATFQHRDKYEKLRGDVAIKLKFLEENKIKVMH
 KQLLLFHNAVSAYFAGNQKQLEQTLQQFNILRPPGAEKPSWLEEQ

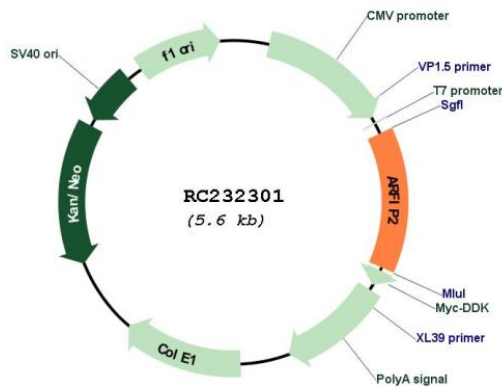
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001242856

ORF Size: 768 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_001242856.3
RefSeq Size:	3505 bp
RefSeq ORF:	771 bp
Locus ID:	23647
UniProt ID:	P53365
Cytogenetics:	11p15.4
Protein Families:	Druggable Genome
MW:	29.5 kDa
Gene Summary:	Putative target protein of ADP-ribosylation factor. Involved in membrane ruffling. [UniProtKB/Swiss-Prot Function]