

Product datasheet for **RG236106**

ARFRP1 (NM_001267546) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: ARFRP1 (NM_001267546) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: ARFRP1
Synonyms: ARL18; ARP; Arp1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG236106 representing NM_001267546.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGTCTATCCAAAATCACCACCACCGTGGGCCTAAACATCGGCACTGTGGATGTGGGAAAGGCTCGG
CTCATGTTCTGGGACTTAGGAGGGCAGGAAGAGCTGCAGTCTTTGTGGACAAGTATTATGCGGAGTGT
CACGGCGTCATCTACGTCATTGACTCCACCAGCAGGAGAGGCTGGCTGAGTCCAAGCAGGCGTTTGAG
AAGGTGGTGACCAGCGAGGCGTGTGCCGTGTCCCGTCTTGGTGTGGCCAACAAGCAGGATGTGGAG
ACGTGCCTCTCAATCCCTGACATCAAGACGGCCTTCAGCGACTGCACCAGCAAGATCGGCAGGCGAGAT
TGCCTGACCCAGGCTGCTCGGCCCTCACAGGCAAAGGGGTGCGCGAGGGCATCGAGTGGATGGTGAAG
TGTGTCGTGCGGAATGTGCACCGCCCGCGCGGAGAGGGACATCACG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG236106
Blue=ORF Red=Cloning site Green=Tag(s)

```
MSLSKITTTVGLNIGTVDVGKARLMFWDLGGQEELQSLWDKYAECHGVIYVIDSTDEERLAESKQAFE
KVVVTSEALCGVPVLVLANKQDVETCLSIPIKTAFAFSDCTSKIGRRDCLTQACSALTGKGVREGIEWMK
CVVRNVHRPPRQRDIT
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPYSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
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Restriction Sites: SgfI-MluI



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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).
RefSeq:	NM_001267546.3
RefSeq Size:	2477 bp
RefSeq ORF:	465 bp
Locus ID:	10139
UniProt ID:	Q13795
Cytogenetics:	20q13.33
MW:	17.5 kDa
Gene Summary:	The protein encoded by this gene is a membrane-associated GTP-ase which localizes to the plasma membrane and is related to the ADP-ribosylation factor (ARF) and ARF-like (ARL) proteins. This gene plays a role in membrane trafficking between the trans-Golgi network and endosomes. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, May 2012]