

## Product datasheet for **RG236020**

### ARFRP1 (NM\_001267544) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** ARFRP1 (NM\_001267544) 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:** >RG236020 representing NM\_001267544.  
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTACACGCTGCTGCGGGCTGTACAAGTACATGTTTCAGAAGGACGAGTACTGCATCCTGATCCTG
GGCCTGGACAATGCTGGGAAGACGACCTTCTGGAGCAGTCGAAAACCCGATTTAACAAGAACTACAAG
GGGATGAGTCTATCCAAAATCACCACCACCGTGGGCCTAAACATCGGCACGTGGATGTGGGAAAGGCT
CGGCTCATGTTCTGGACTTAGGAGGGCAGGAAGAGCTGCAGTCTTTGTGGGACAAGTATTATGCGGAG
TGTACGGCGTCATCTACGTCATTGACTCCACCAGCAGGAGAGGCTGGCTGAGTCCAAGCAGGCGTTT
GAAGGTGGTGACCAGCGAGGCGCTGTGCGGTGTCCCGTCTTGGTCTGGCCAACAAGCAGGATGTGGA
GACGTGCCTCTCAATCCC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

**Protein Sequence:** >Peptide sequence encoded by RG236020  
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MYTLLSGLYKYMFKDEYCILILGLDNAGKTTFLEQSKTRFNKNYKMSLSKITTTVGLNIGTVDVGKA
RLMFWDLGGQEELQSLWDKYAECHEGVIYVIDSTDEERLAESKQAFEGGQQRGAVRCPRLGAGQQAGCC
DVPLNP
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

**Restriction Sites:** SgfI-MluI



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<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>RefSeq:</b>	<a href="#">NM_001267544.3</a>
<b>RefSeq Size:</b>	2645 bp
<b>RefSeq ORF:</b>	435 bp
<b>Locus ID:</b>	10139
<b>Cytogenetics:</b>	20q13.33
<b>MW:</b>	16.5 kDa
<b>Gene Summary:</b>	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]