

Product datasheet for **RG225177**

ARFRP1 (NM_001134758) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: ARFRP1 (NM_001134758) 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: >RG225177 representing NM_001134758
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTACACGCTGCTGTCGGGCTTGTACAAGTACATGTTTCAGAAGGACGAGTACTGCATCCTGATCCTGG
GCCTGGACAATGCTGGGAAGACGACCTTCTGGAGCAGTCGAAAACCCGATTTAACAAAGAACTACAAGG
GATGAGTCTATCCAAAATCACCACCACCGTGGGCCTAAACATCGGCACTGTGGATGTGGAAAGGCTCGG
CTCATGTTCTGGACTTAGGAGGGCAGGAAGAGCTGCAGTCTTTGTGGACAAGTATTATGCGGAGTGTC
ACGGCGTCATCTACGTCATTGACTCCACCGACGAGGAGAGGCTGGCTGAGTCCAAGCAGGCGTTTGAGAA
GGTGGTGACCAGCGAGGCGCTGTGCGGTGTCCCGTCTTGGTGCTGGCCAACAAGCAGGATGTGGAGACG
TGCCCTCAATCCCTGACATCAAGACGGCCTTCAGCGACTGCACCAGCAAGATCGGCAGGCGAGATTGCC
TGACCCAGGCCTGCTCGGCCCTCACAGGG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG225177 representing NM_001134758
Red=Cloning site Green=Tags(s)

MYLLSGLYKYMFKDEYCILILGLDNAGKTFLEQSKTRFNKNYKMSLSKITTTVGLNIGTVDVGKAR
LMFWDLGGQEELQSLWDKYAACHGVIIYIDSTDEERLAESKQAFKVVVTSEALCGVPVLVLANKQDVET
CLSIPIKTAFSDCSTKIGRRDCLTQACSALTG

TRTRPLE - GFP Tag - V

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).
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:	<u>NM_001134758.4</u>
RefSeq Size:	2631 bp
RefSeq ORF:	522 bp
Locus ID:	10139
UniProt ID:	<u>Q13795</u>
Cytogenetics:	20q13.33
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]