

Product datasheet for **SC118098**

ARFRP1 (NM_003224) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARFRP1 (NM_003224) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARFRP1
Synonyms:	ARL18; ARP; Arp1
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_003224, the custom clone sequence may differ by one or more nucleotides

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ATGTACACGCTGCTGTCGGGCTTGTACAAGTACATGTTTCAGAAGGACGAGTACTGCATCCTGATCCTGG
GCCTGGACAATGCTGGGAAGACGACCTTCCTGGAGCAGTCGAAAACCCGATTTAACAAAGAACTACAAGGG
GATGAGTCTATCCAAAATCACCACCACCGTGGGCCTAAACATCGGCACTGTGGATGTGGAAAGGCTCGG
CTCATGTTCTGGGACTTAGGAGGGCAGGAAGAGCTGCAGTCTTTGTGGGACAAGTATTATGCGGAGTGTC
ACGGCGTCATCTACGTCAATTGACTCCACCGACGAGGAGAGGCTGGCTGAGTCCAAGCAGGCGTTTGAGAA
GGTGGTGACCAGCGAGGGCGCTGTGCGGTGTCCCGTCTTGGTGTGGCCAACAAGCAGGATGTGGAGACG
TGCCCTCAATCCCTGACATCAAGACGGCCTTCAGCGACTGCACCAGCAAGATCGGCAGGCGAGATTGCC
TGACCCAGGCCTGCTCGGCCCTCACAGGCAAAGGGGTGCGCGAGGGCATCGAGTGGATGGTGAAGTGTGT
CGTGCGGAATGTGCACCGCCGCCGCGGCGAGGGACATCACGTAG
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_003224 unedited NGTCACCATTTGTATACGACTCATATAGGGCGGCCGCGATTTCGGCACGAGGCGGTTTCAGC TCATTCCTGAGGCCGGCCCGCTCCCGTCAGGCGCCGCGCGGGTTAGCGCGGGGTCAG CGGAGGTCAGCGGGGTGAGCAGCAGCGGCTCCGAGGGCGCGCGGACGCAGGATGTACA CGCTGTGTGGGCTTGTACAAGTACATGTTTCAGAAGGACGAGTACTGCATCCTGATCC TGGCCTGGACAATGCTGGGAAGACGACCTTCTGGAGCAGTCGAAAACCCGATTTAACA AGAACTACAAGGGGATGAGTCTATCCAAAATCACCACCACCGTGGGCCTAACATCGGCA CTGTGGATGTGGAAAGGCTCGGCTCATGTTCTGGGACTTAGGAGGGCAGGAAGAGCTGC AGTCTTTGTGGACAAGTATTATGCGGAGTGTCACGGCGTCATCTACGTCATTGACTCCA CCGACNAGGAGAGGCTGGCTGAGTCCAAGCAGGCGTTTGAGAAGGTGGTGACCAGCGAGG CGCTGTGCGGTGTCCCGTCTTGGTGCTGGCCAACAAGCAGGATGTGGAGACGTGCCTCT CAATCCCTGACATCAAGACGGCCTTCAGCGACTGCACCAGCAAGATCGGCAGGCGCGATT GCCTGACCCANGCCTGCTCGGCCCTCACAGGCAAAGGGGTGCGGAGGGCATCGAGTGA TGGTGAAGTGTGTCGTGCGGAATGTGCACCGGCCCGCGGCAGAAAGGACATCACGTAGG CGCAGCCGCGCTGCCGTCGGGACGGCTGGTCCCCTGGTGTGGNAGAGTGGCCTCNCCTGT GGCTCCATGCTGCTGATCTGGGGGGTGGGTNTGCCTTGCNTGGGNNTCTCTATTTAC TTTTGTCTCGAAGACAACCTTTNCTTGTCTGGAAAGCGTNAGCTNNGCAG
Restriction Sites:	NotI-NotI
ACCN:	NM_003224
Insert Size:	1750 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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_003224.2 , NP_003215.1
RefSeq Size:	1741 bp
RefSeq ORF:	606 bp
Locus ID:	10139
UniProt ID:	Q13795
Cytogenetics:	20q13.33
Domains:	RAB, SAR, ARF, arf

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]

Transcript Variant: This variant (1) represents the longest isoform (A). Variants 1, 6, and 7 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.