

Product datasheet for **SC108595**

ARFIP1 (NM_014447) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARFIP1 (NM_014447) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARFIP1
Synonyms:	HSU52521
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC108595 sequence for NM_014447 edited (data generated by NextGen Sequencing)

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ATGGCTCAAGAATCTCCCAAAAATTCAGCAGCAGAAATCCAGTGACTAGTAATGGAGAA
GTTGATGACTCTCGTGAACATAGCTTTAATAGGGATTTGAAGCATTCAATACCATCTGGA
CTTGGTCTCTCAGAAACCCAAATTACATCTCATGGCTTTGACAATACCAAAGAGGGTGT
ATTGAAGCAGGAGCATTCAAGGTGCCAGAGAACACAGACAAAAAGTGGACCAGTTATT
CTAGCAGATGAAATTAATAATCCTGCAATGGAAAAGTTAGAACTTGTTAGAAAATGGAGT
CTAAACACCTATAAGTGTACTCGACAGATTATCTCTGAGAAGCTAGGCCGTGGCTCAAGA
ACTGTGGACCTTGAAGCTGAGCTCAGATTGATATATTAAGGGATAACAAGAAAAATAT
GAAAATATTTAAAAGTGGCTCAAACATTGTCGACCCAGCTTTTCCAGATGGTACATACC
CAAAGGCAACTTGGAGATGCATTTGCTGACCTGAGTTTGAAGTCACTAGAACTTCATGAA
GAATTTGGCTATAATGCCGATACCCAGAACTGCTGGCTAAAAATGGAGAGACTCTTCTT
GGGGCCATTAATTTTTTTCATTGCTAGTGTGAACACTTTGGTGAATAAAACCATTGAAGAT
ACATTAATGACTGTGAAACAGTATGAAAGTGCCAGGATTGAATATGATGCATATCGCACT
GATTTGGAAGAACTGAATCTTGGACCACGTGACGCAAACACTCTGCCAAAGATTGAGCAG
TCACAGCATCTCTTCCAAGCACATAAGGAAAAATATGATAAAATGCGCAATGATGTTTCT
GTCAAATTGAAATTTCTAGAAGAAAATAAGGTTAAAGTATTGCACAATCAGCTGGTCCTT
TTCCACAATGCCATTGCCGCTTACTTTGCTGGGAATCAGAAGCAGCTTGAACAGACACTT
AAACAGTCCATATCAAATTGAAAACCCCTGGAGTGGATGCCCATCTTGGCTTGAAGAA
CAGTAA

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Clone variation with respect to NM_014447.2



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_014447 unedited GGTCAAATTTGTATACGACTCCTATAGGGCGGCCGGAATTCGCACGAGGCTCGGCGGT TGGTCAGTGTGAATTTGTGACAGCTGCAGTTGCTCCCCGCCCCGAGCAGCCGAGGAGTC TACCATGGCTCAAGAATCTCCCAAAAATTCAGCAGCAGAAATCCAGTGACTAGTAATGG AGAAGTTGATGACTCTCGTGAACATAGCTTTAATAGGGATTTGAAGCATTATTACCATC TGGACTTGGTCTCTCAGAAACCCAAATTACATCTCATGGCTTTGACAATACCAAAGAGGG TGTTATTGAAGCAGGAGCATTTC AAGGTGGCCAGAGAACACAGACAAAAAGTGGACCAGT TATTCTAGCAGATGAAATTA AAAATCCTGCAATGGAAAAGTTAGAACTGTTAGAAAATG GAGTCTAAACACCTATAAGTGTACTCGACAGATTATCTCTGAGAAGCTAGGCCGTGGCTC AAGAACTGTGGACCTTGA ACTTGAAGCTCAGATTGATATATTAAGGGATAACAAGAAAA ATATGAAAATATTTTAAA ACTGGCTCAAACATTGTCGACCCAGCTTTTCCAGATGGTACA TACCCAAAGGCAACTGGAGATGCATTTGCTGACCTGAGTTTGAAGTCACTAGA ACTTCA TGAAGAATTTGGCTATAATGCCGATACCCAGAACTGCTGGCTAAAAATGGAGAGACTCT TCTTGGGGCCATTAATTTTTTTCATTGCTAGTGTGAACACTCTGGTGAATAAAACCATTGN AGATACATTAATGACTGTGAAACAGTATGAAAGTGCCAGGATTGAATATGATGCATATCG CACTGATTTGGAAGACTGAATCTGTACCACGTGACGGCAACCTCTGCCAAAGATGAGCAG TCACA
Restriction Sites:	NotI-NotI
ACCN:	NM_014447
Insert Size:	3030 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_014447.2 , NP_055262.1
RefSeq Size:	2860 bp
RefSeq ORF:	1026 bp
Locus ID:	27236
UniProt ID:	P53367
Cytogenetics:	4q31.3

Gene Summary:

Putative target protein of ADP-ribosylation factor.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (3) differs in the 5' UTR and lacks an in-frame exon in the central coding region, compared to variant 1. The encoded isoform (2) is shorter, compared to isoform 1. Variants 2, 3, and 6 encode the same isoform.