

Product datasheet for **RC237811**

ARFIP1 (NM_001287432) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: ARFIP1 (NM_001287432) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: ARFIP1
Synonyms: HSU52521
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC237811 representing NM_001287432
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCTCAAGAATCTCCAAAAATTCAGCAGCAGAAATCCAGTGACTAGTAATGGAGAAGTTGATGACT
CTCGTGAACATAGCTTTAATAGGGATTTGAAGCATTCAATACCATCTGGACTTGGTCTCTCAGAAACCCA
AATTACATCTCATGGCTTTGACAATACCAAAGAGGGTGTATTGAAGCAGGAGCATTTCAGGTTCCCA
GCACCGCCACTGCCATCTGTTATGTCTCTAGCAGGGTTCAGCTAGTCGACTGGCTCAGCAAGGAAGTG
ATTTAATTGTTCTGCAGGTGGCCAGAGAACACAGACAAAAAGTGGACCAGTTATTCTAGCAGATGAAAT
TAAAAATCCTGCAATGGAAAAGTTAGAAGTTGTTAGAAAATGGAGTCTAAACACCTATAAGTGTACTCGA
CAGATTATCTCTGAGAAGCTAGGCCGTGGCTCAAGAACTGTGGACCTTGAAGCTCAGATTGATA
TATTAAGGGATAACAAGAAAAATATGAAAATATTTTAAACTGGCTCAAACATTGTGACCCAGCTTTT
CCAGATGGTACATACCAAAGGCAACTTGGAGATGCATTTGCTGACCTGAGTTTGAAGTCACTAGAAGT
CATGAAGAATTTGGCTATAATGCCGATACCCAGAACTGCTGGCTAAAAATGGAGAGACTCTTCTGGGG
CCATTAATTTTTTCATTGCTAGTGTGAACACTTTGGTGAATAAAACCATTGAAGATACATTAATGACTGT
GAAACAGTATGAAAGTGCCAGGATTGAATATGATGCATATCGCACTGATTTGGAAGAAGTGAATCTTGG
CCACGTGACGCAAACTCTGCCAAAGATTGAGCAGTCACAGCATCTCTCCAAGCACATAAGGAAAAAT
ATGATAAAATGCGCAATGATGTTTCTGTCAAATTTGAAATTTCTAGAAGAAAAAAGGTTAAAGTATTGCA
CAATCAGCTGGTCTTTTCCACAATGCCATTGCCGCTTACTTTGCTGGGAATCAGAAGCAGCTTGAACAG
ACACTTAAACAGTTCCATATCAAATTGAAAACCCCTGGAGTGGATGCCCATCTTGGCTTGAAGAACAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC237811 representing NM_001287432
 Red=Cloning site Green=Tags(s)

MAQESPKNSAAEIPVTSNGEVDDSDREHSFNRLKHSPLPSGLGLSETQITSHGFDNTKEGVIEAGAFQGGSP
 APPLPSVMSPSRVAASRLAQQGSDLIVPAGGQRTQTKSGPVILADEIKNPAMEKLELVRKWSLNTYKCTR
 QIISEKLRGRSRTVDLELEAQIDILRDNKKKYENILKLAQTLSTQLFQMVHTQRQLGDAFADLSLKSLEL
 HEEFGYNADTQKLLAKNGETLLGAINFFIASVNTLVNKTIEDTLMTVKQYESARIEYDAYRTDLEELNLG
 PRDANTLPKIEQSQHLFQAHKKEYDKMRNDVSVKLFLEENKVKVLHNQLVLFHNAIAAYFAGNQKQLEQ
 TLKQFHKLKTPGVDAPSWLEEQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

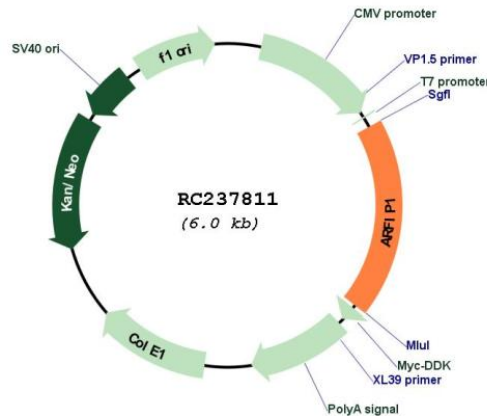
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001287432

ORF Size:	1119 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001287432.1 , NP_001274361.1
RefSeq Size:	3244 bp
RefSeq ORF:	1122 bp
Locus ID:	27236
UniProt ID:	P53367
Cytogenetics:	4q31.3
MW:	42.2 kDa
Gene Summary:	Putative target protein of ADP-ribosylation factor.[UniProtKB/Swiss-Prot Function]