

Product datasheet for RC211267

ARFIP1 (NM_001025593) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARFIP1 (NM_001025593) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ARFIP1
Synonyms:	HSU52521
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC211267 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTCAAGAATCTCCCAAAAATTCAGCAGCAGAAATCCAGTGACTAGTAATGGAGAAGTTGATGACT
CTCGTGAACATAGCTTTAATAGGGATTTGAAGCATTTCATTACCCTGGACTTGGTCTCTCAGAAACCCA
AATTACATCTCATGGCTTTGACAATACCAAGAGGGTGTATTGAAGCAGGAGCATTTCAGGTGGCCAG
AGAACACAGACAAAAAGTGGACCAGTTATTCTAGCAGATGAAATTAATAATCCTGCAATGGAAAAGTTAG
AACTTGTTAGAAAATGGAGTCTAAACACCTATAAGTGTACTCGACAGATTATCTCTGAGAAGCTAGGCCG
TGGCTCAAGAAGTGGACCTTGAAGCTCAGATTGATATTAAGGGATAACAAGAAAAATAT
GAAAATATTTTAAACTGGCTCAAACATTTGTCGACCCAGCTTTCCAGATGGTACATACCCAAAGGCAAC
TTGGAGATGCATTTGCTGACCTGAGTTTGAAGTCACTAGAATTCATGAAGAATTTGGCTATAATGCCGA
TACCCAGAAACTGCTGGCTAAAAATGGAGAGACTCTTCTTGGGGCCATTAATTTTTTTCATTGCTAGTGTG
AACACTTTGGTGAATAAAACCATTAAGATACATTAATGACTGTGAAACAGTATGAAAGTGGCAGGATTG
AATATGATGCATATCGCACTGATTTGGAAGAAGTGAATCTTGGACCACGTGACGCAAACTCTGCCAAA
GATTGAGCAGTCACAGCATCTCTCCAAGCACATAAGGAAAAATATGATAAAATGCGCAATGATGTTTCT
GTCAAATTGAAATTTCTAGAAGAAAATAAGGTTAAAGTATTGCACAATCAGCTGGTCTTTTCCACAATG
CCATTGCCGCTTACTTTGCTGGGAATCAGAAGCAGCTTGAACAGACACTTAAACAGTTCCATATCAAATT
GAAAACCCTGGAGTGGATGCCCATCTTGGCTTGAAGAACAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC211267 protein sequence
Red=Cloning site Green=Tags(s)

MAQESPKNsAAEIPVTSNGEVDDsREHSFNrdLKHSLSGLGLSETQITSHGFDNTKEGVIEAGAFQGGQ
 RTQTKSGPVILADEIKNPAMEKLELVRKWSLNTYKCTRQIISEKLGrgsRTVDLELEAQIDILRDnKKKY
 ENILKLAQTLSTQLFQMVHTQRQLGDAFADLSLKSLELHEEFgYNADTQKLLAKNGETLLGAINFFIASV
 NTLVNKTIEDTLMTVKQYESARIEYDAYRTDLEELNLGPRDANTLPKIEQSQHLFQAHKEKYDKMRNDVS
 VKLKfLEENKVKVLHNQLVLFHNAIAAYFAGNqKQLEQLKQFHikLkTPGVDAPSWLEEQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6590_g08.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001025593

ORF Size: 1023 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:

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_001025593.2](#), [NP_001020764.1](#)

RefSeq Size: 3031 bp

RefSeq ORF: 1026 bp

Locus ID: 27236

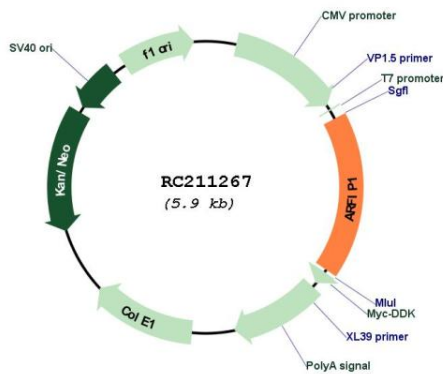
UniProt ID: [P53367](#)

Cytogenetics: 4q31.3

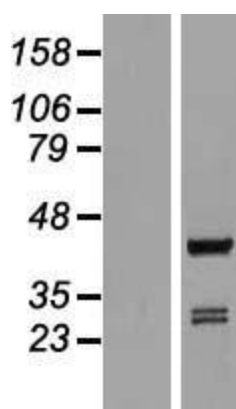
MW: 38.6 kDa

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

Product images:



Circular map for RC211267



Western blot validation of overexpression lysate (Cat# [LY422451]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC211267 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).