

Product datasheet for RC237578

ARFIP1 (NM_001287433) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | ARFIP1 (NM_001287433) 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: | >RC237578 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTCAAGAATCTCCCAAAAATTCAGCAGCAGAAATCCAGTGACTAGTAATGGAGAAGTTGATGACT
CTCGTGAACATAGCTTTAATAGGGATTTGAAGCATTTCATTACCATCTGGACTTGGTCTCTCAGAAACCCA
AATTACATCTCATGGCTTTGACAATACCAAGAGGGTGTATTGAAGCAGGAGCATTTCAGGTGGCCAG
AGAACACAGACAAAAAGTGGACCAGTTATTCTAGCAGATGAAATTAATAATCCTGCAATGGAAAAGTTAG
AACTTGTAGAAAATGGAGTCTAAACACCTATAAGTGTACTCGACAGATTATCTCTGAGAAGCTAGGCCG
TGGCTCAAGAAGTGGACCTTGAAGCTCAGATTGATATTAAGGGATAACAAGAAAAATAT
GAAAATATTTTAAACTGGCTCAAACATTTGTCGACCCAGCTTTTCCAGATGGTACATACCCAAAGGCAAC
TTGGAGATGCATTTGCTGACCTGAGTTTGAAGTCACTAGAATTCATGAAGAATTTGGCTATAATGCCGA
TACCCAGAAACTGCTGGCTAAAAATGGAGAGACTCTTCTTGGGGCCATTAATTTTTTTCATTGCTAGTGTG
AACACTTTGGTGAATAAAACCATGAAGATACATTAATGACTGTGAAACAGTATGAAAGTCCAGGATTG
AATATGATGCATATCGCACTGATTTGGAAGAAGTGAATCTTGGACCACGTGACGCAAACTCTGCCAAA
GATTGAGCAGTCACAGCATCTCTCCAAGCACATAAGGAAAAATATGATAAAATGCGCAATGATGTTTCT
GTCAAATGAAATTTCTAGAAGAAAATAAGGTTAAGTATTGCACAATCAGCTGGTCTTTTCCACAATG
CCATTGCCGCTTACTTTGCTGGGAATCAGAAGCAGCTTGAACAGACACTTAAACAGTTCCATATCAAATT
GAAAACCCTGGAGTGGATGCCCATCTTGGCTTGAAGAACAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC237578 protein sequence
Red=Cloning site Green=Tags(s)

MAQESPKNAAEIPVTSNGEVDDSDREHSFNRLKHSPLPSGLGLSETQITSHGFDNTKEGVIEAGAFQGGQ
 RTQTKSGPVILADEIKNPAMEKLELVRKWSLNTYKCTRQIISEKLGGRSRTVDLELEAQIDILRDNKKKY
 ENILKLAQTLSTQLFQMVHTQRQLGDAFADLSLKSLELHEEFQYNADTQKLLAKNGETLLGAINFFIASV
 NTLVNKTIEDTLMTVKQYESARIEYDAYRTDLEELNGLPRDANTLPKIEQSQHLFQAHKEKYDKMRNDVS
 VKLKFLLEENKVKVLHNQLVLFHNAIAAYFAGNQKQLEQLKQFHILKTKPGVDAPSWLEEQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001287433

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_001287433.1](#), [NP_001274362.1](#)

RefSeq Size: 3013 bp

RefSeq ORF: 1026 bp

Locus ID: 27236

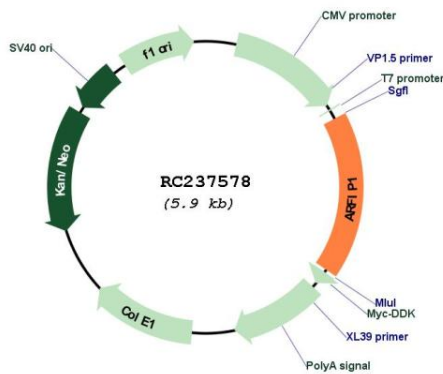
UniProt ID: [P53367](#)

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 RC237578