

Product datasheet for **RG237810**

ARFIP1 (NM_001287431) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARFIP1 (NM_001287431) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ARFIP1
Synonyms:	HSU52521
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237810 representing NM_001287431. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCTCAAGAATCTCCCAAAATTCAGCAGCAGAAATTCAGTGACTAGTAATGGAGAAGTTGATGAC
TCTCGTGAACATAGCTTTAATAGGGATTGAAGCATTACCATCTGGACTTGGTCTCTCAGAAACC
CAAATTACATCTCATGGCTTTGACAATACCAAAGAGGGTGTATTGAAGCAGGAGCATTTCAAGTTCC
CCAGCACCGCCACTGCCATCTGTATGTCTCCTAGCAGGGTTCAGCTAGTCGACTGGCTCAGCAAGGA
AGTGATTTAATTGTTCTGCAGGTGCCAGAGAACACAGACAAAAAGTGGACCAGTTATTCTAGCAGAT
GAAATTAATAAATCCTGCAATGGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT
ACTCGACAGATTATCTCTGAGAAGCTAGGCCGTGGCTCAAGAACTGTGGACCTTGAACCTGAAGCTCAG
ATTGATATATTAAGGGATAACAAGAAAAATATGAAAATATTTTAAAACTGGCTCAAACATTGTCCGACC
CAGCTTTTCCAGATGGTACATACCCAAAGGCAACTTGGAGATGCATTTGCTGACCTGAGTTTGAAGTCA
CTAGAACTTCAAGAATTTGGCTATAATGCCGATACCCAGAACTGCTGGCTAAAAATGGAGAGACT
CTTCTGGGGCCATTAATTTTTTTCATTGCTAGTGTGAACACTTTGGTGAATAAAACATTGAAGATACA
TTAATGACTGTGAACAGTATGAAAGTGCCAGGATTGAATATGATGCATATCGCACTGATTTGGAAGAA
CTGAATCTTGACCACGTGACGCAAACTCTGCCAAAGATTGAGCAGTCACAGCATCTCTCCAAGCA
CATAAGGAAAAATGATAAAATGCGCAATGATGTTTCTGTCAAATTTGAAATTTCTAGAAGAAAAATAG
GTTAAAGTATTGCACAATCAGCTGGTCTTTTCCACAATGCCATTGCCGCTTACTTTGCTGGGAATCAG
AAGCAGCTTGAACAGACACTTAAACAGTTCATATCAAATTTGAAAACCCCTGGAGTGGATGCCCCATCT
TGGCTTGAAGAACAG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG237810
 Blue=ORF Red=Cloning site Green=Tag(s)

MAQESPKNAAEIPVTSNGEVDDREHSFNRLDKHSLPSGLGLSETQITSHGFDNTKEGVIEAGAFQGS
 PAPPLPSVMSPSRVAASRLAQQGSDLIVPAGGQRTQTKSGPVILADEIKNPAMEKLELVRKWSLNTYKC
 TRQIISEKLGSRSTVDLELEAQIDILRDNKKKYENILKLAQTLSTQLFQMVHTQRQLGDAFADLSLKS
 LELHEEFGYNADTQKLLAKNGETLLGAINFFIASVNTLVNKTIEDTLMTVKQYESARIEYDAYRTDLEE
 LNLGPRDANTLPKIEQSQHLFQAHKEKYDKMRNDVSVKLFLEENKVKVLHNQLVLFHNAIAAYFAGNQ
 KQLEQTLKQFHIKTKTPGVDAPSWLEEQ
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPYSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001287431

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.

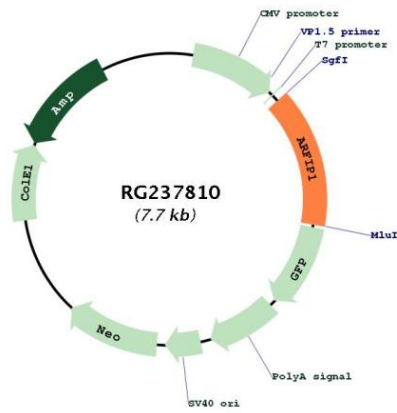
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

RefSeq: [NM_001287431.1](#), [NP_001274360.1](#)

RefSeq Size: 2992 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]

Product images:



Circular map for RG237810