

Product datasheet for **MR229353**

Arfip1 (NM_001293801) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arfip1 (NM_001293801) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Arfip1
Synonyms:	2310030I10Rik; Arfaptin; D3ErtD598e
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR229353 representing NM_001293801 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCTCAAGAATCTCCAAAACTCTGCAGCAGAAATCCAGTAACTAGTAATGGAGAAGTTGACGATG
CTCATGAGCATGGCTACAATAGGGATTTGAAGCATTATTACCATCTGGACTTGGACTCTCAGAACTCA
GATCACATCTCATGGCTTTGACAGTACCAAAGAGGGGTTACTGAAGCAGGAGCACCCCAAGGTGGCCAA
AGAACACACACAAAAGGAGGACCAGTTATTCTAGCAGATGAAATAAAAAATCCTGCAATGGAGAAGTTAG
AACTTGTAGAAAATGGAGTCTCAACACATATAAGTGTACCCGGCAAATTATATCTGAGAAAAGTGGCCG
TGGCTCAAGAAGTGTGGACCTTGAAGCTCAGATTGATATATAAGAGATAATAAGAAAAATAT
GAAAACATTCTGAACTGGCTCAGACCTTGTGCGACGCAGCTTTCCAGATGGTGCACACCCAAAAGCAAC
TCGGAGATGCCTTTGCTGACCTGAGTTTGAAGTCTCTAGAGCTCCATGAAGAATTTGGCTATAATGCAGA
TACACAGAAGCTGCTGGCTAAAAATGGAGAGACTCTTCTTGGGGCCATTAATTTTTTCATTGCTAGTGTG
AACACCTTGGTGAATAAAACAATTGAAGATACATTAATGACTGTAAAACAGTATGAAAATGCCAGAGTTG
AATATGATGCGTACCGCACTGATTTGGAAGAACTGAACCTTGGGCCACGTGATGCAAACTCTGCCAAA
AATTGAGCAGTCGCAGCATCTGTTCCAAATACATAAGGAAAAATATGATAAAATGCGCAGTGATGTTTCT
GTCAAATTTGAAATTTCTCGAGGAAAATAAGGTCAAAGTGTACGCAACCAACTGGTCTCTTCCACAGCG
CAGTTGCTGCCTACTTCGCCGGGAATCAGAAGCAGCTTGAAGTACACTTAAGCAGTTCCATGTCAGATT
GAAAACCCTGGAGTGGACGCTCCATCTTGGCTCGAAGAACAG

ACGGTACGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR229353 representing NM_001293801
 Red=Cloning site Green=Tags(s)

MAQESPKNsAAEIPVTSNGEVDDAHEHGYNRDLKHSPLPSGLGLSETQITSHGFDSTKEGVTEAGAPQGGQ
 RTHTKGGPVILADEIKNPAMEKLELVRKWSLNTYKCTRQIISEKLGGRSRTVDLELEAQIDILRDNKKKY
 ENILKLAQTLSTQLFQMVHTQKQLGDAFADLSLKSLELHEEFGYNADTQKLLAKNGETLLGAINFFIASV
 NTLVNKTIEDTLMTVKQYENARVEYDAYRTDLEELNLGPRDANTLPKIEQSQHLFQIHKEKYDKMRSDVS
 VKLKFLLEENKVKVLRNQLVLFHSAVAAYFAGNQKQLELTLKQFHVRLKTPGVDAPSWLEEQ

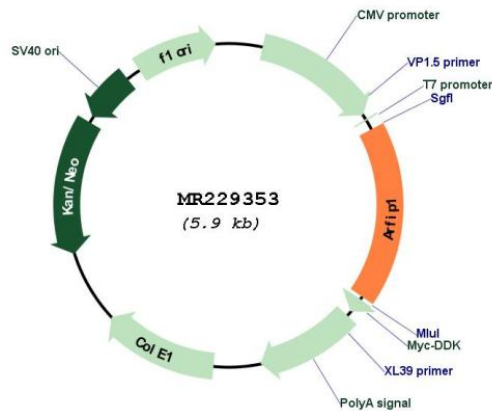
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001293801

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:	<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_001293801.1 , NP_001280730.1
RefSeq Size:	2890 bp
RefSeq ORF:	1026 bp
Locus ID:	99889
Cytogenetics:	3 F1
MW:	38.9 kDa