

Product datasheet for **SC117426**

ARL3 (NM_004311) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARL3 (NM_004311) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARL3
Synonyms:	ARFL3; JBTS35; RP83
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_004311 edited ATGGGCTTGCTCTCAATTTTGC GCAAGTTGAAAAGTGCACCAGACCAGGAGGTGAGAATA CTTCTCCTGGGCTTGGATAATGCTGGCAAGACCACTCTTCTGAAGCAGCTTGCATCTGAA GACATCAGCCACATCACACCTACACAGGGTTTCAACATCAAAAAGTGTACAATCACAAGGT TTTAAACTGAATGTATGGGACATTGGTGGACAGAGGAAAATCAGACCATACTGGAAGAAT TATTTTAAAAATACCGATATTCTTATATATGTAATCGACAGTGCAGACAGAAAAAGATTT GAAGAGACGGGTCAGGAAGTACCGGAATTACTGGAGGAAGAAAACTAAGTTGTGTGCCA GTGCTCATCTTTGCTAATAAGCAGGATTTGCTCACAGCAGCCCTGCCTCTGAAATTGCA GAAGGACTGAACCTGCATACCATCCGCGACCGAGTCTGGCAGATCCAGTCTTGCTCAGCT CTCACAGGAGAGGGCGTTCAGGATGGCATGAACTGGGTCTGCAAAAATGTCAATGCAAAAG AAGAAATAA



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_004311 unedited
 GTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCTCGGCGGGAGGATGGG
 CTTGCTCTCAATTTTGCAGCAAGTTGAAAAGTGCACCAGACCAGGAGGTGAGAATACTTCT
 CCTGGGCTTGATAATGCTGGCAAGACCACTCTTCTGAAGCAGCTTGCATCTGAAGACAT
 CAGCCACATCACACCTACACAGGGTTTCAACATCAAAAGTGTACAATCACAAGGTTTTAA
 ACTGAATGTATGGGACATTGGTGGACAGAGGAAAATCAGACCATACTGGAAGAATTATTT
 TGAAAATACCGATATTCTTATATATGTAATCGACAGTGCAGACAGAAAAAGATTTGAAGA
 GACGGGTCAGGAAGTACGGAATTAAGTGGAGGAAGAAAACTAAGTTGTGTGCCAGTGCT
 CATCTTTGCTAATAAGCAGGATTTGCTCACAGCAGCCCTGCCTCTGAAATTGCAGAAGG
 ACTGAACCTGCATACCATCCGCGACCGAGTCTGGCAGATCCAGTCTTGCTCAGCTCTCAC
 AGGAGAGGGCGTTTCCAGGATGGCATGAACTGGGTCTGCAAAAATGTCAATGCAAAGAAGAA
 AAAAAATCTAGACGAATGGAGATGCAGGAGCTGCGGGAGCCGAATTCGGTCTGAAAAAC
 ACTAATTTGCTGCTTTCTGACCAAATGTTTTTCCATCTGTGTACAGCTCCAGCTGTTTGA
 AGAGAGGGAACAACACGGTTTAGAAAAGATCCCCATTCCAGCAGTATGATNTAACTGATCT
 CTGAGGNTCAGTATCATTTTTCAATAAAGGAATATATTATTTCTCTGCATAAAAAANAAA
 AAAAAANAAAAAATACTCGCTCTAGATGCNGCCCGTCCATAGCTGTTTCTGACAGA
 TNCCGNTGGGATCCTGTGACCCCTCCAGTGCTTCC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_004311 unedited
 CGCGGCCCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTATGC
 AGAGGAAATAATAAATCCCTTATTTGGAAAAATGATACCTGAACCTCAAAGATCAG
 TTAATCTACTGCTTGAATGGGATTCTTTCTAAACCGTGTTCCTCTCTTCAAAC
 AGCTGGAGCTGTACACAGATGAAAAACATTTGGTCAGAAAGCAGCAAATTAAGTGT
 CAGGACCGAATTCGGCTCCCGCAGCTCCTGCATCTCCATTTCGTCTAAATTTATTTCTTC
 TTTGCATTGACATTTTTGCAGACCCAGTTCATGCCATCCTGAACGCCCTCTCCTGTGAGA
 GCTGAGCAAGACTGGATCTGCCAGACTCGGTGCGGATGGTATGCAGGTTGAGTCTTCT
 GCAATTTCAAAGGCAGGGGCTGCTGTGAGCAAATCCTGCTTATTAGCAAAGATGAGCACT
 GGCACACAACCTAGTTTTTCTTCCAGTAATCCGCTAGTTCCTGACCCGCTCTTCA
 AATCTTTTCTGTCTGCACTGTGATTACATATAAGAATATCGGTATTTTCAAATAA
 TTCTTCCAGTATGGTCTGATTTTCTCTGTCCCCAATGTCCCATACATTCAGTTTAAAC
 CTTGTGATTGTACACTTTTGTATTTGAAACCCTGTGTANGTGTGATGTGGCTGATGCTT
 CAAATGCAAGCTGCTTCAAAGAGTGGTCTTGCCAGCATTATCCAGCCAGGAGAAGTTT
 CTCCACCTCTGTCTGGNGCCCTTTCAACTGCGCCAAATTGAAGCAGGCCATCCTTCCGN
 CGANCCTGTGGCGAAATCCNGCCGCTATAGTGAGTCGTATACAAAATCTGACGTTTAC
 TAACGAGCTCTGCTATTACTCCACCGACACCGCTACGGCATTGCGCACGGC

Restriction Sites:

NotI-NotI

ACCN:

NM_004311

Insert Size:

820 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_004311.2 , NP_004302.1
RefSeq Size:	3891 bp
RefSeq ORF:	549 bp
Locus ID:	403
UniProt ID:	P36405
Cytogenetics:	10q24.32
Domains:	SAR, ARF, arf
Protein Families:	Druggable Genome
Gene Summary:	ADP-ribosylation factor-like 3 is a member of the ADP-ribosylation factor family of GTP-binding proteins. ARL3 binds guanine nucleotides but lacks ADP-ribosylation factor activity. [provided by RefSeq, Jul 2008]