

Product datasheet for **SC324663**

ARL11 (NM_138450) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ARL11 (NM_138450) Human Untagged Clone
Tag: Tag Free
Symbol: ARL11
Synonyms: ARLTS1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_138450.4
CTCGCTCTGGGTCATGCCTGGCCAGCAGAAAGCAGCTCCATAGGGGAGGAGAGCCACGG
AGGATCTCACAGCTGCAGTCTAATAGTAACACAGAGGATTCAGCAGTGGCCACCATGGGT
TCTGTGAATTCCAGAGGTCACAAGGCGGAAGCCCAGGTGGTGATGATGGGCCTGGACTCG
GCGGGCAAGACCACGCTCCTTTACAAGCTGAAGGGCCACCAGCTGGTGGAGACCCTGCC
ACTGTTGGTTTCAACGTGGAGCCTCTGAAAGCTCCTGGGCAGTGTCACTGACTCTCTGG
GACGTTGGGGGCAGGCCCGCTCAGAGCCAGCTGGAAGGACTATCTGGAAGGCACAGAT
ATCCTCGTGACGTGCTGGACAGCACAGATGAAGCCCGCTTACCCGAGTCGGCGGCTGAG
CTCACAGAAGTCTGAACGACCCCAACATGGCTGGCGTCCCTTCTTGGTGTGGCCAAC
AAGCAGGAGGCACCTGATGCACTCCGCTGCTTAAGATCAGAAACAGGCTGAGTCTAGAG
AGATTCCAGGACCACTGCTGGGAGCTCCGGGGCTGCAGTGCCTCACTGGGGAGGGGCTG
CCCGAGGCCCTGCAGAGCCTGTGGAGCCTCCTGAAATCTCGCAGCTGCATGTGTCTGCAG
GCGAGAGCCCATGGGGCTGAGCGCGGAGACAGCAAGAGATCTTGATCCAGACAGAGCAGC
ATATCTTTGCTCATACAACTAGAAGAACCAGCTGATCCTTGAGAAATTTACGCTTAGTC
TATCAAACAAGAAATGCTGGCTTGGCCCGTGGCTCATGCCTGTAATCCCAGCACTGTGG
GAGACCACGGTGGGGGAATCCCTTGAGCCCAGGAGTTGGAGAGCAACATCACAACACCCC
ATTTCTACTAATAATCAAAAAATGGCCGGCATGGTGGCATGTGCCTGTAGTCCCAGCT
ACTTGGGAGGCTGAGGCAGGAGAATCGCTTGAGCCCAAGAGGTAGAGGTTGCAGTGAGCC
AAGATCGCGCCACTGCACTCCAGTCTGGGCAACAGAGTGAGACCCTGTCTCAATAATAAT
AATAATAATAATGATGATACTCTAAGAAAAAATCTCAACATACTTCATTTAATAGCTCG
TTACCAAGTGTGAATGAAGCAATATGTCATAATAGAGTAGCCACTGGTTGCATAATAATA
GAGACCTAAATCTCAAATAGGGAAGAGGTTTTAAAATCAAATTTGAGGCCAGGTGCAG
TGGCTCATGGGCGGAGGAGGGCAGATTACTTGGAGCTAGGAGTTCAAGACCAGCCTGGCC
AACATGGTGAAACCCATCTCTACTGAAAATACAAAAATAGGCATAGTGGTGCACGCCT
GCAGTCCCAGCTACTCAGGAGGTTGAGGCAGAAGAATCGCTTGAACCCAGGAAGTGGAGG
TTGCAGTGAGCCGAGATTGTGCTGCTGCACTCCAGCCTGGGTGAAAAAGACAGGCTGTGT
CTCAAAAAAAAAAAAAAAAAA



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| Restriction Sites: | Please inquire |
| ACCN: | NM_138450 |
| 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). |
| OTI Annotation: | This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA. |
| 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: | <u>NM_138450.4</u> , <u>NP_612459.1</u> |
| RefSeq Size: | 3294 bp |
| RefSeq ORF: | 591 bp |
| Locus ID: | 115761 |
| UniProt ID: | <u>Q969Q4</u> |
| Cytogenetics: | 13q14.2 |
| Gene Summary: | This gene encodes a tumor suppressor related to the ADP-ribosylation factor (ARF) family of proteins. The encoded protein may play a role in apoptosis in a caspase-dependent manner. Polymorphisms in this gene have been associated with some familial cancers. [provided by RefSeq, May 2010] |