

Product datasheet for **RC205610**

ARL15 (NM_019087) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Tag: Myc-DDK

Symbol: ARL15

Synonyms: ARFRP2

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

ORF Nucleotide Sequence: >RC205610 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCTGATCTCCGATAACTGAGGCGTTTCTGTACATGGATTATCTGTGTTTTAGAGCACTTTGCTGCA
 AGGGACCACCACCTGCACGACCAGAATATGACCTGGTTTGCATAGGCCTCACAGGTTCTGGCAAAACCAG
 TCTGTTGTCCAACTCTGCAGTGAAAGCCCGATAACGTCGTGTCGACCACAGGTTTTAGTATTAAGCA
 GTGCCATTCCAGAATGCCATCTGAATGTAAAAGAACTGGAGGGGCTGTAACATCCGAAATACTGGA
 GCCGCTACTACCAAGGATCTCAAGGGTAATATTTGTATTAGACAGTGCCTCTTCAGAGGATGATTTAGA
 AGCTGCTAGAAATGAGCTGCACTCAGCTCTTCAGCATCCACAGTTATGCACCTTTACCTTTTAAATATTG
 GCCAATCATCAAGACAAGCCAGCAGCTCGCTCAGTACAAGAGATCAAAAAATATTTGAACCTGAACCAC
 TTGCACGTGGAACCGTGGATTCTACAGCCCTGCTCACTGGATGACATGGATGCACTGAAAGACAGCTT
 CTCTCAGCTGATTAATTTGTTAGAAGAAAAGACCATGAAGCTGAAGAATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC205610 protein sequence
 Red=Cloning site Green=Tags(s)

MSDLRITEAFLYMDYLCFRALCCKGPPPARPEYDLVCIGLTGSGKTSLLSKLCSSEPDNVVSTTGFSIKA
 VPFQNAILNVKELGGADNIRKYWSRYQSGQVIFVLDSASSEDLEAARNELHSALQHPQLCTLPFLIL
 ANHQDKPAARSVQEIKKYFELEPLARGKRWILQPCSLDDMDALKDSFSQLINLLEEKDHEAVRM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6551_e04.zip



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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_019087

ORF Size: 612 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

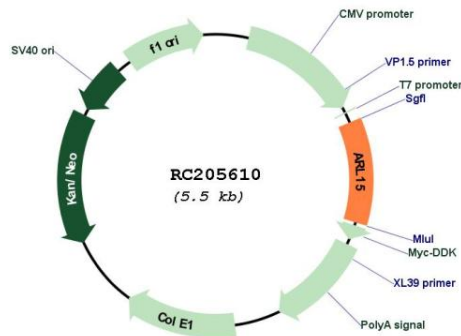
RefSeq: [NM_019087.3](#)

RefSeq Size: 2501 bp

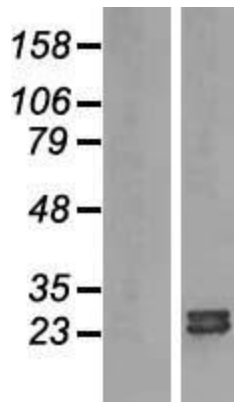
RefSeq ORF: 615 bp

Locus ID: 54622
UniProt ID: [Q9NXU5](#)
Cytogenetics: 5q11.2
Domains: SAR, ARF, arf
MW: 22.9 kDa

Product images:



Circular map for RC205610



Western blot validation of overexpression lysate (Cat# [LY412769]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC205610 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).