

Product datasheet for **RC231889**

ARL2 (NM_001199745) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: ARL2 (NM_001199745) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: ARL2
Synonyms: ARFL2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC231889 representing NM_001199745
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGGCTCTGACCATTCTGAAGAAGATGAAGCAGAAAGAGCGGGAGCTGCGACTGCTCATGCTTGCC
TGGACAATGCTGAAAAGACAACCATCCTGAAGAAGTTCAATGGGGAGGACATCGACACCATCTCCCCAAC
GCTGGGCTTCAACATCAAGACCCTGGAGCACCGAGGATCAAGCTGAACATCTGGGATGTGGGTGGCCAG
AAGTCCCTGCGGTCTACTGGCGGAACACTTTGAGAGCACCGATGGCCTCATCTGGGTAGTGGACAGCG
CAGACCGCCAGCGCATGCAGGACTGCCAGCGGGAGCTCCAGAGCCTGCTGGTGGAGGAGTCTGGAGCT
GGACTCCATCCGAGCCACCACTGGTGCATCCAGGGCTGCAGCGCGTCCACCGGGGAGAACCTGCTGCC
GGCATCGACTGGCTCCTGGATGACATTTCCAGCCGATTTTCACAGCTGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC231889 representing NM_001199745
Red=Cloning site Green=Tags(s)

MGLLTILKMKQKERELRLMLGLDNAGKTTILKKFNGEDIDTISPTLGFNIKLEHRGFKLNIWDVGGQ
KSLRSYWRNYFESTDGLIWWVDSADRQRMQDCRELQSLLVVEVLELDSIRSHHWCIQGCSAVTGENLLP
GIDWLLDDISSRIFTAD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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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_001199745.2</u>
RefSeq Size:	912 bp
RefSeq ORF:	474 bp
Locus ID:	402
UniProt ID:	<u>P36404</u>
Cytogenetics:	11q13.1
MW:	18.5 kDa
Gene Summary:	This gene encodes a small GTP-binding protein of the RAS superfamily which functions as an ADP-ribosylation factor (ARF). The encoded protein is one of a functionally distinct group of ARF-like genes. [provided by RefSeq, Jul 2008]