

## Product datasheet for **RC201516**

### ARL5A (NM\_001037174) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** ARL5A (NM\_001037174) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** ARL5A  
**Synonyms:** ARFLP5; ARL5  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RC201516 representing NM\_001037174  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGGAATTCTTCTCACTAGAATATGGAGACTGTTCAATCACCAGGAGCACAAAGTTATCATTGTTGGGC  
TGGATAATGCAGGGAAAACCTACCATTCTTTACCAATTTTCTATGAATGAAGTTGTACATACATCTCCTAC  
AATAGGAAGTAATGTAGAAGAGATAGTGATTAATAATACACGTTTCTAATGTGGGATATTGGTGGCCAA  
GAATCTCTTCGTTCTTCTGGAACCTTACTATACTAACACAGAGTTTGAATAGTTGTTGTGGACAGTA  
CAGACAGAGAGAGATTTCTGTAAGTAGAGAAGAACTCTATAAAATGTTAGCGCATGAGGACCTAAGAAA  
AGCTGGATTGCTGATTTTGTCTAATAAACAAGATGTTAAAGAATGCATGACTGTAGCAGAAATCTCCAG  
TTTTTGAAGCTAACTTCTATTAAGATCACCAGTGGCATATCCAGGCATGCTGTGCTCTAACTGGCGAGG  
GATTGTGCCAAGGACTTGAATGGATGATGTCACGACTTAAGATTAGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC201516 representing NM\_001037174  
Red=Cloning site Green=Tags(s)

MGILFTRIWRFLFNHQEHKVIIVGLDNAGKTTILYQFSMNEVVHTSPTIGSNVEEIVINNTRFLMWDIGGQ  
ESLRSSWNTYYTNEFVIVVVDSTDRERISVTREELYKMLAHEDLRKAGLLIFANKQDVKECMTVAEISQ  
FLKLTSIKDHQWHIQACCALTGEGLCQGLEWMSRLKIR

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/ja1447\\_c04.zip](https://cdn.origene.com/chromatograms/ja1447_c04.zip)



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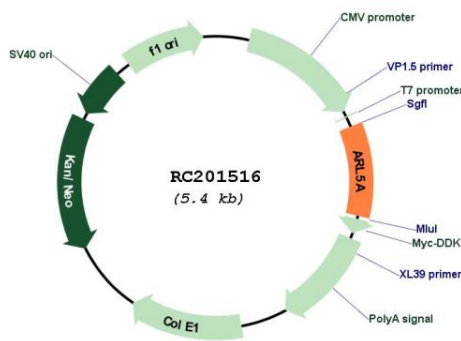
UniProt ID: [Q9Y689](#)

Cytogenetics: 2q23.3

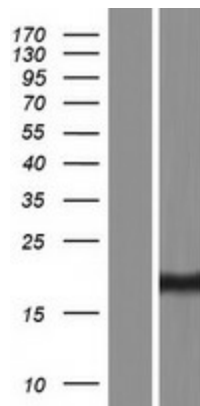
MW: 20.73 kDa

**Gene Summary:** The protein encoded by this gene belongs to the ARF family of GTP-binding proteins. With its distinctive nuclear/nucleolar localization and interaction with HP1 alpha, the protein is developmentally regulated and may play a role(s) in nuclear dynamics and/or signaling cascades during embryonic development. Alternative splicing results in multiple transcript variants encoding different isoforms. This gene has multiple pseudogenes. [provided by RefSeq, Jul 2008]

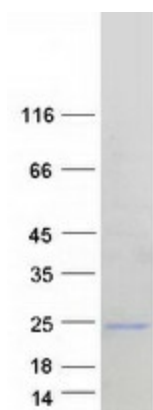
**Product images:**



Circular map for RC201516



Western blot validation of overexpression lysate (Cat# [LY421930]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC201516 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified ARL5A protein (Cat# [TP301516]). The protein was produced from HEK293T cells transfected with ARL5A cDNA clone (Cat# RC201516) using MegaTran 2.0 (Cat# [TT210002]).