

Product datasheet for **RN205364**

Arl6ip4 (NM_001025630) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Arl6ip4 (NM_001025630) Rat Untagged Clone
Tag: Tag Free
Symbol: Arl6ip4
Synonyms: MGC114409; MGC124687
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN205364 representing NM_001025630
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTCACGTTAGCTCTCGCAAGCGCTCGAGAAGTCGCAGTCGGTCCCCTGGTGGCGGAGGGTCAGAAA
AGCGAAGTAAGAGGAGCAGTAAGGACTCCTCGAGGAAGTTC AACCTCCAAATCCCAAGGTCACAAGGC
CAGCAGCACCTCCGGTGTGAGGAGAGAAGCAAGCACAAGGCCAGAGGACATCGAGATCCAGCTTTCC
TCCTCCTCCTCCTCCTCCTCCAGTTCCTTAGCTCCACCTCATCCTCATCCTCCAGTGATGGCCGAAGA
AGCGAGGGAAGCACAAGATAAGAAGAAGAGGAAGAAGAAGAAGAAACGGAAGAAGAAGATGAAGAGGAA
AGGCAAGGAGAAGGCAGTGGTGGTGCACAGGCCGAGGCTCTGCCCGGCCCTCTCTGGATCAGTGGCAC
AGATCAGCTGGGAGGACAATGATGGCCAGTCCCTGACAGACGAGCAGAAGTCTCGTATCCAGGCCATGA
AGCCCATGACAAAGGAGGAGTGGGACGCTCGACAGAGCGTTATTGAAAGGTGGTGGACCCAGAGACCGG
CCGTACAAGGCTCATCAAGGAGACGGTGGAGTTTAGAGGAGATCGTAACCAAAGAACGACACAGAGAG
ATCAACAAGCAAGCCACCCGAGGGGACGGCCTGGCCTTCCAGATGCGAGCAGGCCCTGCTCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001025630
Insert Size: 696 bp



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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:	<u>NM_001025630.1</u> , <u>NP_001020801.1</u>
RefSeq Size:	1217 bp
RefSeq ORF:	696 bp
Locus ID:	288656
UniProt ID:	<u>Q4V8I5</u>
Cytogenetics:	12q15
Gene Summary:	Involved in modulating alternative pre-mRNA splicing with either 5' distal site activation or preferential use of 3' proximal site.[UniProtKB/Swiss-Prot Function]