

## Product datasheet for **RN208352**

### **Atl2 (NM\_001100671) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Atl2 (NM_001100671) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Atl2
Synonyms:	Arl6ip2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN208352 representing NM\_001100671  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGGAGGGGACGAGGCAGCGCGAAGGCAGCAGCCGAGCAGGGGCTGAGGCGCCGGCAGACTA  
 GCGACTCGAGCGTCGGGGTTAACACGCTCTCGTCCACGACCTCCTTAGGTGAGGATTATGAAGATGCTGA  
 CCTAGTGAAGTCAGATGAGGTTCATGAGGAAACCGTGCCAGTACAGATTGTCCTTGCCCATGAAGACGAC  
 CATAACTTTGAGCTTGACGAAGAGGCTTTGGAGCGGATACTGCTGCAGGAGCACATCCGGGACCTTAACA  
 TAGTCGTGGTATCTGTGGCAGGAGCTTTTCGTAAGGGAAATCATTTCTCCTGGACTTCATGCTTAGATA  
 TATGTATAACAAGGATTCGCAAAGCTGGATTGGTGAAGCAATGAGCCGTTGACTGGCTTTACATGGCGA  
 GGTGGTTGTGAAAGAGAAACAACAGGCATAACAAGTTTGAATGAAGTGTGTGATCGACAGACCTAATG  
 GAACAAAAGTGGCTGTGCTGCTAATGGATACCCAGGGTGCCTTTGATAGCCAGTCAACCATTAAGACTG  
 TGGCAGCGTGTCTGCTGAGCACCATGACCAGCTCTGTCCAGGTATATAATTTGTCTCAGAATATTCAA  
 GAAGATGATCTTCAACACTTACAATTATTTACAGAGTATGGGAGACTTGCAATGGAAGAGATCTACCAGA  
 AGCCATTTTCAGACGTTAATGTTTTGATTTCGAGATTGGAGTTATCCTTATGAGCATTATATGGCTTGGGA  
 AGGTGGAAAGCAGTTCCTGGAAAAGAGATTGCAGGTAAAACAAAACCAGCACGAAGAGCTACAGAATGTC  
 AGGAAGCATATTCACAATTGCTTCTCAAATCTGGGCTGCTTCTTCTACCACATCCTGGTCTTAAAGTTG  
 CCACGAACCCTAGTTTTGATGGACGACTGAAAGATATTGATGAAGACTTTAAACGGGAGCTTCGGAATCT  
 GGTTCCATTGCTGCTGCTCCTGAGAATCTCGTTGAGAAAAGAGATAAGTGGATCTAAAGTCACTTGTA  
 GATCTTTAGAGTATTTTAAAGGCATACATTAATATATCAAGGAGAGGAACTACCACATCCAAAATCTA  
 TGCTTCAGGCAACAGCTGAGGCTAATAACCTGGCAGCAGTAGCGGGAGCAAGGGATGCCTACTGTAGAAG  
 TATGGAGCAGGTATGTGGTGGCGACAAGCCGTACATTGCACCTTCAGATTTGGAGCGAAAACACCTGGAT  
 CTCAAGGAAGTGGCGCTCAAACAGTTTCGTTCTGTGAAAAAATGGGTGGTATGAATTCTGCCCGCTT  
 ATCAGGACCAGCTGAAGCTGAAATCGAAGAAACCTATGCAAATTCATAAAGCACAATGATGGCAAAAA  
 CATCTTCTATGCTGCTCGCACCCCGCCACACTGTTTCGAGTCATGTTTGTATGTACATAATCTCAGGA  
 CTGACCGGCTTCATCGGCTGAACTCTATAGCTGTCTTATGCAACCTTGCATGGGGCTGGCACTGACCT  
 CCCTGTGTACGTGGGCATATGTTAAGTACTCTGGGGAGTTCAGAGAAATGGAACAATGATTGATCAGGT  
 TGCTGAAACACTATGGGAACAGGTATTGAAGCCCCTGGGTGATAATTTGATGGAGGAAAACATAAGGCAG  
 TCTGTAACAACTCTATCAAAGCAGGCTGACTGACCAGGTGTCTCATCATGCCGATTAAGACAGACT  
 GA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001100671
- Insert Size:** 1752 bp
- 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:**

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:** [NM\\_001100671.1](#), [NP\\_001094141.1](#)

**RefSeq Size:** 2870 bp

**RefSeq ORF:** 1752 bp

**Locus ID:** 298757

**Cytogenetics:** 6q11