

## Product datasheet for **MC201306**

### Arrdc4 (NM\_025549) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Arrdc4 (NM\_025549) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Arrdc4  
**Synonyms:** 2410003C09Rik; AV216361  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC017528 sequence for NM\_025549  
 GCGCTGTGGCCGTAGTGGCCCTGGGTGTGCGGCCGGCCCGTGACAGCAGCGTCGCGGAGCCGGCTACC  
 CCGACCTGGGGCCACTGCGGATCTTGGTGGCAGAGCCGCATCGCCTGGCGGAATGGGAGGCGAGGCGGGA  
 GCCGATGGTCCTCGGGCCGTGTCAAGAGCTTGGGGCTAGTGTTCAAGATGAGAGCAAGGGCTGCTACT  
 CAAGCGGCGAGACAGTGGCCGGCAGTCTGCTGGAGGCGGAGCCGGTGGCCCTGCGCGGACTGCG  
 CCTGGAGGCCAGGGCCGTGCCACCTCTGCCTGGGGCCGAGCGCTGGGGCCAGGGTCTGCATCGGTGGG  
 GGCTCTCCCGCAGCCTCCTCAGAAGTGAATACTTGAACCTGCGGTTGAGTCTGCTGGAGGCCCCAGCTG  
 GTGAAGGTGTCACCTTGTACAACCAGGAAAACACGAGTTTCCCTTTCGCTTTCAGCTTCCGTCTGAACC  
 TTTGGCAACATCGTTTACTGGGAAGTATGGCAGTATTCAGTACTGTGTGAGGGCTGTTTTGAACGACCC  
 CAAGTTCAGATCAGAGCGTCAGACGAGAGCTCCAGGTTGTCAGTCACGTGGATGTAACACACCCGCCCT  
 TATTGACTCCTATGCTGAAGACGCAGGAGAAAATGGTTGGCTGTTGGCTTTTCACCTCTGGTCTGTGTC  
 ACTGAGCGTCAAGATCGAGAGAAAGGGCTACTGTAAACGAGAAGCTATCCCTATCTATGCAGAAATAGAA  
 AATTGTTTCATCTCGGCTGGTTGTTCCCAAGGCAGCCATATTCCAAACCCAGACGTAATGGCTAGTGGAA  
 AGACAAAGACAGTCCGGCACATGGTTGCCAATGTTTCGAGGAAACACATTGGTTCTGGGAGTACGGACAC  
 CTGGAATGGGAAGATGCTGAAGATCCCACCTGTACCCCATCCATCCTGGATTGCTGCATCATCAGAGTG  
 GACTACTCCTTAGCTGTAATCCAAGCTTCTTGAATCATTAAAAATACATAAAAACAGAAAAAAAAAAAAAA A

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_025549

**Insert Size:** 891 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).



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<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">BC017528</a></u> , <u><a href="#">AAH17528</a></u>
<b>RefSeq Size:</b>	1051 bp
<b>RefSeq ORF:</b>	891 bp
<b>Locus ID:</b>	66412
<b>UniProt ID:</b>	<u><a href="#">A0A0B4J1F4</a></u>
<b>Cytogenetics:</b>	7 C
<b>Gene Summary:</b>	Functions as an adapter recruiting ubiquitin-protein ligases to their specific substrates (PubMed:27462458). Plays a role in endocytosis of activated G protein-coupled receptors (GPCRs) (By similarity). Through an ubiquitination-dependent mechanism plays also a role in the incorporation of SLC11A2 into extracellular vesicles (PubMed:27462458). May play a role in glucose uptake (By similarity).[UniProtKB/Swiss-Prot Function]