

Product datasheet for **RN214740**

Arid4a (NM_001108029) Rat Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Arid4a (NM_001108029) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Arid4a |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >RN214740 representing NM_001108029
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGACATCAGTCAAATCCTTGAGTCTCCAGCAGTGATGACGAAGAGTGCCAGCCGAGGAGCATGAAG
 AGGAGAAGGAAAAAGAGGCCAAAAAGGAGGAAGAAGAGCTGCCTGAGGAAGAACTTGATCCTGAAGAGAG
 GGACAACCTCCTCCAACAGCTTTATAAGTTTATGGAAGACAGAGTTACTAACAAAACCTTATTTCCAG
 ATTGACAGCGGTGCTGTATGGAAGCAAATTTATATGGACCTTGGCATTCCAATTTTGAATTCAGCTGCTT
 CCTACAATGTAAAACTGCTTATAGAAAATATCTCTATGGTTTTGAGGAGTACTGCCGTTCCGCAATAT
 TCAGTTTAGAACTATTCACCACCATGAACCAAAAGTAAAAGAGGAAAAAAGACTTTGAAGAATCAATG
 GACGAGGCTCTAAAAGTAGCCAGGAAATGCCTTAAATGGATGTGAAGAGTGAACCCGAGGAGAACATTG
 ACTCAAACAGTGAAGCGACAGAGAAGACAGAACTAAAGTCGCAAGAGGGAGAAGGAAAATTGTTCCG
 AGAGGCAAATTTGATTAATAAAGAACTAGAAGAAGAGAAAATTGAAGACAAATGATCGGAGATGATATA
 GACAACAAGGATGCTGATGACGACGACTATGACATAGCGGAGAAGAAGGAAACTGAGCTGCTTCTCGGGA
 GGAAAACCAACCAAAAGCACAAAGAGAAGAAGATCAAACAGCAGGAGGATTCGAGAGAGACTCGGAGGA
 GGAGGAAGAGAAAAGCCAAGAGAGGGAAGAACTGAAAGCAGGTGTGACTCGGAAGGGGAGGACGACGAG
 GATGACACGGAGCCCTGCCTGACAGGAACCAAGTGAAGGTCAAGTATGGACGAGGAAAACTCAGAAAA
 TTTATGAAGCCAGCATCAAAGCACCGAGATGGATGACGGGGAGGTTTTGTACCTGGTGCATTATATGG
 TTGGAATGTCAGATATGATGAATGGGTAAAAGCTGACAGGATAATCTGGCCGTTGGACAAAGGTGGACCA
 AAAAAAAAAACAAAAGAAGAAAGTTAAGAATAAAGAAGATAGCGAAAAGGACGAAAAGAGGGATGAAGAGA
 GGCAGAAGTCAAACGGGGAAGACCGCCTTAAAACTACTTTTTCGTCAAACATGCCATACAGTTTATC
 TAAGACATCAAACAGTGAAGGAAAAATCAGGTACCAGAAGTGCCCATGGTATTGTGACAGGCAGCATGGCT
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 TTTCTCTGATATTAAGAAGAATTAGAAAAGAGTAAAAATGTCCATGATGATAAACTAGCCGAAGAAAA
 CCCAAAGACTGTACATATCAAACGAAAACGACAGGACTCAGGCACAGCCCTCAGAACCCTGACAGTG
 GAGGCGGGAGACAGCGATCAAATCGTGCACATTTTGGAGACAAAGTGGAACAAGCAGAAGAACTTAAGA
 AGCAGGTGGAGAAGTCTCCTAAAGCAAAGGGAAGGCGCAACAAGACAAAAGACCTTTCTTTAGAAGTTAT
 CAAGATTTCCCTTTAGCCAGGAGGAAGCAGGCAGCGAAGCTCGTGGGACACTCATAGCTGGAGTTT
 TCTTCACTCGAATGTAAAACTTTTCTTCTACTGAAGATGATGTGACCAATATGAGAAAGAAAAAAGT
 TAAAACGGAAAATCCTGGGACAACACTCCCAGAGAAGAACTAAGACTTGAGAACGGCGTGGAATGAC
 AACTGGCTTGCCAAAGAAAGGTCTGACGACAGCGCCGTAGCCGAGGGCGTGAAAGGCGTGACAGTGGAG
 CAGCGCTTTGAAGCAGAAGGTGAAGGGATGCCATCGCTGATCGCGGAGCCAGACCAGGGCATCCAAGAGC
 CGACTGGTGTGAAGCCAGACAGTCCAGCTGAGGAGCCTGCGCACACGCCGCTCAAAGAGGAGGAGGACGT
 GATGCCTCTGATTGGGCCTGAAACCTTGGTTTGGCACGAGGTAGACTTGGATGACTTGGATGAGAAGGAA
 AAGCCAGTATTGAGGACGTGGTAATAGAAGGCTCTGAGTCTAACTCTCTGGGCTCCGTCGCCCTGCC
 TACCTCCCGTAGCACAGCAGAATCTCCGTAGCTTCCCGCTGACTCTCAGCCAAGACGAGTCCAGAAG
 TATAAAGAGCGAGAGTGACATTACGATTGAAGTTGATAGCATTGCTGAAGAATCGCAGGAAGGCCTGTGT
 GAGAGGGAATCAGCAAACGGATTTGAAGCCAGCGTCACCTCTGGCGCCTGTGGCATGATCGTCCACGAGA
 GAGAGAGCAGAGAGAAGGTCAGAAAAGGCCAAGCGATGCAAACAGTGGGCTAATGGCAAAAAAGCAAAA
 GCGAACCCCAAAGCGGACGAGTGTGCAGCCAAGAGTGAGAAGAACGGAGCAGGACAGAGCAGTGCAGC
 GAGGACCTTCTGCCATGGACAGTTCCAGTAACTGCACACCAGTGAAGCGCCTTAGCCTGCCAAGCCAC
 AGAAGCTGCCACGCTCTCCCGCAAGAATCTCACCTCATATCAAAGATGGAGAGAAAGAGAAGCACCAGGA
 AAAGCATCAAATTCATCCCTAGAACATAACAAGTGGAGCTTCCAACCTCAATGAATTAGATAATATGAAC
 AGTACAGAGAGAATCTTTTTTCCAAGAAAACTACAGGAAATCAGAAAATACTACATGCTTTTGAAGT
 CTGAAGTTGCAACCATCGACAGAAGGAGGAAAAGATTAATAAAGAAAGACCGAGAAGAACATAAGCTTAT
 TAATAAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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| Restriction Sites: | Sgfl-Mlul |
| ACCN: | NM_001108029 |
| Insert Size: | 2880 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: | <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_001108029.1</u> , <u>NP_001101499.1</u> |
| RefSeq Size: | 4886 bp |
| RefSeq ORF: | 2880 bp |
| Locus ID: | 314205 |
| Cytogenetics: | 6q24 |