

Product datasheet for **RN200900**

Arid3a (NM_001108066) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arid3a (NM_001108066) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Arid3a
Synonyms:	MGC189073
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN200900 representing NM_001108066
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAGCTGCAGGCAGTATGGAGACTCTTATTACAGAGGCAACAGCGAGCCCGGCAGGAAGTGGAGGCTC
 GACAGCCTCCACTACCCACCACCGGAGCCCGCTGGTGTCCAGGCTCGGACCACCATGACAGATGAGGA
 CAGGGAGCCTGAGAATGCCCGTATGCATAGGACGCAGATGGCTGCACTGGCTGCCATGCGGGCTGCTGCC
 GCCGGCTTGAGACATCCGTCCTCTCCCGGGGGCTCGGAGGACGAAGACACAGCCAGGGAGGGACTCTGA
 GTTCACCTGCCCTGCATGGAAGTGGCCAGGAGGGACCGGACACACTGAGGGAGACGGCCATTTGATGGA
 CATGGGCTCCGATGATGACACGAAGCCCAAGTGGGAAGAACAAGAGCTGGAAGAAGTGGGGGAAGAGGAA
 GAGGAGGAGGATGAAGATGACTTTGAGGAAGAAGAGGAGGATGAGGAGGAAGAAGCCTGGGCTCCAG
 AGTCTGCCAGCCTGGGCTCCGACGGCTGTTTACCCGCAAGGCCCCACCTACTCAGACCTCCGTGGAGA
 CGGTGGTCCAGAATGCTCAGTGGCCCTGAGCGCCTGGGACCTGGCCCGCCACCCAGTCATGTGGCG
 TCCAGATGCCACCACCGACCATGGGGACTGGACATTTGAGGAGCAGTTCAAACAGCTCTATGAACTGG
 ACGCAGACCCCAAGAGGAAGAGTTCTGGACGACCTGTTTCAGCTTCATGCAAGAAGCGGGGCACTCCGGT
 GAACCGGATCCCATCATGGCCAAGCAGGTCCTCGACCTGTTTCATGCTGTATGTGCTGGTACGAAAAAG
 GGCGGTCTGGTAGAGGTTATCAACAAGAAGCTGTGGAGGGAGATCACCAAGGGGCTCAACCTGCCACCT
 CCATCACCAGTGTGCTTCCACTTCGGACACAGTACATGAAGTATCTTACCCTATGAGTGTGAGAG
 GCGAGGCTGAGCAGCCCAATGAGCTCCAGGCTGCCATAGACAGCAACCGCCGGGAGGGCAGGCCGAG
 AGCTTCGGGGCTCCCTCTTGTACTACCCAGTGGAGCCACAGCATGCTGTCTCACCCAAGCTAC
 CGGTGACTTCTTTGGGCTTGTGCCAGCACCAATGGCAGCTCTATACCCCAACACCCAAGATCAAGAA
 AGAGGAAGACTCAGCCATCCCATCACAGTCCCAGGCCGCTACCCGTGTCTCTGGCAGGCCACCTGTC
 GTAGCAGCCAGGCAGCGGCTGTGCAAGCCGACGAGCCAGGCTGCAGTTGCGGCCAGGCAGCCGCC
 TGGAACTCCGGGAGAAGCTGGAATCCAGGAGCCTCCGAAAAGAAGATGGCCTGGTTGCAGATGA
 GCAGCAGCTCATGCAGCGAGCCGTGCAGCAGAGCTTCTGGCCATGACAGCCAGCTGCCATGAAC
 ATCCGGATCAACAGCCAAGCCTCTGAGAGTCCAGGACCCAGCTGTAATCTCACCAGTCCAATGGCA
 GCAACAGTATTAGCATGTCGGTGGAGATGAACGGTATTGTATACAGGGGTGCTGTTGCTCAGCCACC
 ACCTCCTACGCCACCTCCCGCTCCAGCAAAGGTGGTGTGAGCAGCATTGGTACCAACAACACCATGGGT
 AACCGGACAGGAGCCAGTGGCAGTGTGCGCAGCAGCGCCAAGTGGGGCTGGCTGGGGTGTCTGCACCCA
 CCATGTCTTCTACCTCAAATAACTCCTTGCTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001108066

Insert Size: 1785 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_001108066.2](#), [NP_001101536.2](#)

RefSeq Size: 2387 bp

RefSeq ORF: 1785 bp

Locus ID: 314616

Cytogenetics: 7q11