

Product datasheet for **MC227383**

Arid3c (NM_001252622) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Arid3c (NM_001252622) Mouse Untagged Clone
Tag: Tag Free
Symbol: Arid3c
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227383 representing NM_001252622
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGCCCTGCAGAGGCAGCAGGCAGCACGGCTGGCCCAAGGGGTGGGGCCCTTGGCCCTCCACGCT
TACCGCTTCCACAACCTCCTCTGCTTGGCGCCCGACCTACAGGCTCCTGAGGGGGCTATAGGGTGGT
TGGGGCTGAAGAAGAGGGGGTGTGAAGATGAGGAGGGAGAGACACCCCTAGCAGAAGAGGAGACAGCT
GAGCAGAGCCATCCAGGAGCCGATGTCCCAACTCACCTTCCAGCCAGTCTCCTGGAATCCAACCACATG
AGTGGACCTACGAGGAACAGTTCAAGCAGCTGTATGAACTCGATGCGGACCCCAAGAGGAAGGAGTTTCT
GGATGACCTATTTAGCTTCATGCAGAAGAGGGGTACGCCAGTGAACCGGTACCCATCATGGCCAAACAG
GTGCTGGATCTGTATGCGTTGTTTCGCTTGGTGACAGCCAAGGGAGGCCTGGTGAAGTCATCAACCGAA
AAGTGTGGCGAGAAGTCACACGCGGCCTCAGTTTGCCACCACCATCACCTCTGCCGCTTCACGCTCCG
TACACAGTACATGAAGTATTTGTACCCATACGAGTGCAGACACGGGCACTCAGTCCCCAGGGGAGCTT
CAGGCTGCCATAGACAGCAACAGGCGTGAGGGCCGCCAGGCTTACACCGGGTCCCCTCTTCAACT
TAGCAGGGCCACACCTCGGGCGCTCCTGGCCCCGCTCGAGTCATGGGCCCGCCGACCGGACCC
GAACTGCCCGGTCCCACCCAGGTTTCTGCTTCTGGTTTACCAGCGCACGCTTGCCTCAACTGAGCCCG
AGCCAGTAAAGAAAGAGGAGAGTGGAATCCCACCCCTCGTCTGGCGCTACCTATGGGCTTGGCCTCGG
AAGCTACAAGGGAGAAGCTGGCACCGGAAGAACCTCCGGAGAAGAGGGCTGTGCTAATGGGCCCCGTGGA
CTCACCTCGACTGGGGGACCCCCAGTTTCTGCCCCGTGGCAAGGCTCCCCTAAGGGGTATCCTCTTT
GCTCGACGCCAACCTGTGCCAGCTTCTTGGGTCCAACCAATCTCCACCTCTACCTCTACAGGGCCCC
CTTCCAGTACCTTGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001252622



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Insert Size:	1140 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001252622.1, NP_001239551.1</u>
RefSeq Size:	1661 bp
RefSeq ORF:	1140 bp
Locus ID:	550619
Cytogenetics:	4 A5
Gene Summary:	<p>This gene is a member of the ARID (AT-rich interaction domain) family of proteins. The ARID domain is a helix-turn-helix motif-based DNA-binding domain. ARID family members have roles in embryonic patterning, cell lineage gene regulation, cell cycle control, transcriptional regulation and possibly in chromatin structure modification. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (2) lacks an exon in the 3' coding region, but maintains the reading frame, compared to variant 1. The encoded isoform (2) is shorter than isoform 1.</p> <p>Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>