

Product datasheet for MC224954

Arid2 (NM_175251) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Arid2 (NM_175251) Mouse Untagged Clone
Tag: Tag Free
Symbol: Arid2
Synonyms: 1700124K17Rik; 4432409D24Rik; zipzap/p200
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224954 representing NM_175251
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCAAACCTCGACGGGAAGGGCGCTCCGGACGAGCGGAGGAAGGGACTGGCTTCTCTGGACGAGCTGC
 GGCAGTTCACCACAGCAGAGGGTCGCCGTTTAAAGAAGATCCCTGCGGTGGTGGGAAGGAGCTGGATCT
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 GAAATTGTTGAAGAGTTCAACTTCCCAGAAGTTGTTCCAACGCTGCCTTTGCTTTAAAACAGTATTACT
 TGCCTTATCTAGAAAAGTACGAGAAAGTTCATCATTTTTGGGGAAGATGATGATGAGGTACCACCAGGCAA
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CAGGATAAGCACTGTTCAAAGGATGCCCTGCTTGCAAGATTAAAGCAAGATGAACCAGGACAAGTGGCAA
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 ACAGATGAAAAAGAGGGACCAATAACTAAACACATCCGACTAACAGCTGCCTTAATATTAATAAATATTG
 GTAATACTCAGAGTGTGGGCGCAGATTGTTAAAGAGACATGAAAACACTTATCAGTGCTGCCATTAG
 TAACATGGAAGCTTCTCTACCCTTGCCAAATGCCTTTATGAACTTAATTTTACAGTTCAGAGTAAAGAA
 CAAGAAAAAGACTCAGAAATGCTGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_175251
- Insert Size:** 5487 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_175251.4](#), [NP_780460.3](#)
- RefSeq Size:** 9029 bp
- RefSeq ORF:** 5487 bp
- Locus ID:** 77044
- UniProt ID:** [E9Q7E2](#)
- Cytogenetics:** 15 F1
- Gene Summary:** Involved in transcriptional activation and repression of select genes by chromatin remodeling (alteration of DNA-nucleosome topology). Required for the stability of the SWI/SNF chromatin remodeling complex SWI/SNF-B (PBAF). May be involved in targeting the complex to different genes. May be involved in regulating transcriptional activation of cardiac genes.
 [UniProtKB/Swiss-Prot Function]