

Product datasheet for **RN211975**

Arid5b (NM_001107624) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arid5b (NM_001107624) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Arid5b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN211975 representing NM_001107624 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGCCCAACTCACTCCAGTGGGTGGCTCACCGTGTGGCTTACACGGACCTTATATTTCTATAAGG
CTTTTCAATTCACCTTGAAGGAAAACCAAAATCTTGTCCCTTGGCGACTTTTCTTTGTAAGATGTAC
GCCAAAGGATCCGATTTCATAGCGGAGCTCCAGCTGTTGTGGGAAGAAAGGACCAGCCGGCACTTTTA
TCCAGCTCGAACTTTATTTCTTCCGAAGACACTCCCCAAGGCCGAAATAGCGACCATGGCGAGGACG
AGGTCATCGCCGTCTCTGAAAAGGTGATTGTAAGCTCGAGGACCTCGTCAAATGGCGCATTCTGATTT
CTCCAAGTGGAGGTGTGGGCTCCGAGCCACTCCGGTGAAGACCGAGGGCTTTGGGAGAAATGGCCAGAAG
GAGGCTCTGCTCAGGTACAGGCAGTCAACCTTAACAGTGGGCTCAACTTCAAAGACGTTCTCAAGGAAA
AGGCTGATCTCGGGGAAGATGAGGAAGAAAACAACGTGATTGTGCTCAGTTACCCTCAGTACTGTCGGTA
CCGGTCCATGCTTAAACGCATCCAGGATAAGCCATCGTCCATCTCACGGACGATTCGCGTTAGCCCTG
GGGGGCATCGCGGTGGTCAGCAGAAACCCAGATCCTGTACTGCCGGGACACCTTTGATCACCCCACTC
TCATCGAGAACGAGAGCGTGTGTGATGAGTTTGCGCCAAATCTCAAAGGCAGACCACGAAAAAGAAAAC
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AGCAAGGTGAAAGGGGAGGCCAGGTGAGCCTTGACCAAGCCGAAAAATAACCACAATAACTGTAAAAAT
CCTCGAGTGAAGAAAAGCCAAAGTTGTCCATTGGCGAAGAGTGCAGGGCAGATGAACAAGCCTTCTAGT
GGCCCTGTACAAATACATGAAAGAAAGAAAAACGCCCATCGAGCGAATTCCTACTTGGGTTTCAAACAG
ATTAACCTTTGGACTATGTTTCAAGCTGCTCAAAAACCTGGGAGGATATGAAACAATAACAGCCCGCCGTC
AGTGGAACACATTTACGACGAGTTAGGCGGTAATCCTGGGAGCACCAGTGCGGCCACTTGTACCCGACG
ACACTACGAAAGGTTAATCCTGCCGTATGAAAGATTTATTAAGGGGAAGAAGATAAGCCTCTGCCTCCA
ATCAAACCTCGGAAACAGGAAAAATATGCACAGGAAAAATGAGAATAAAACAAAAGTCTCGGGAACAAAC
GCATCAAACAGGAAATGGCCAAAAACAAGAAAGAAAAGAGAATACCCCAAAACCCCAAGATCCGTCTGA
GGTCTCATCAGAGCAAAGAAAGGAAGAAGAAACGTTAAGCCAGAAAAGTGTCCAGAGCCTCTCCAGCT
CCAGAAGTAAAGAAAGAAACCAAGGGCACAAGGATCTTGTAGTGAAGGCCCAAGTGTCCAGAGCAGACC
CAGAAAAGGGCAATGAACTGACCAAGGTTCAACTGCGAGAAAGAAGCTGAGGAGGTGGGAGATAAGGG



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CCTTGCCCTCTGCTCCCAAGCCCTCCCTTGCCCCCGAAAAAGGTTTCGGCTCCTACCCCTGGGGCTGGC
 AAACAGCCCTTGCTCTCCAGTGCCCAATGGACTCAAAGCAAGAAGCCAAACCTGTGCTTTCCAG
 AGAGCCCTGAGATGACCTCCAGGGAGCACCCTTCTCCAGCCTCCCCACCACCGCAACCACTGGCCGT
 CCAGCCTGAAGCCGAGGAAGAGAAGCTTCTGCCATGGCTAATTACATCGCCAACCTGCACTGTGAAAGTG
 GACCAGCTGGGCAGCGACGACATCCACTGCCCTCAAGCAGACCCCGAAGGTCCTCGTGGTCCAATCAT
 TTGACATGTTCAAAGACAAAGACTTGACCGGCCCATGAATGAGAACCACGGAATTAACACACCCCT
 GCTTTACTCCCGGGCAACCCTGGTATCATGTCCCACTGGCCAAGAAAAAGCTTTGTCTCAGGTGAGT
 GGGGCCAGCCTCTCCAGCAGCTATCCCTATGGCTCCCCACCCCTTGATCAGCAAAAAGAACTTATCG
 CCAGGGACGACCACTCCAGGCCACCACAGCCAAAGCTCTGATCACATGGCCATCAGCCGGCCATCCGT
 AATCCAACATGTCCAGAGCTTCAAAAACAGGCCTCTGAAGACAGGAAGAGCATCAACGACATCTTCAAG
 CATGACAACTGAGCCGGTCTGACGCCCACCGCTGTGGCTTCTCAAGCACCAACTCGGCTCCCTGGCGG
 ACTCTACATCTGAAACAAGAGGCACAGGAGAGCAAGGATAAACTGTTGGAGAAAAGAGCAGTCTCCA
 CGCCACGTGCCAGTTTGTGGCCGATTTCTACTCTCCCGCATCTGCACAGCCTCTACCGGCACACG
 GAACACCATCTTCATAACGAACAGTCCGCTAAGTATGCCGCTAGGACGTGTACCAGGAATCGGAAAACG
 GCGCTTTCTTTCTCACAAGCACCCAGAGAAGATACACGTCAATTATCTCGCATCTCTCCATCTGCAAGA
 TAAGAAGCTGGCTGCGGAGAGAAGCTCTACCGATGAGCAACCAACAGATCTGAGCCTTCCAAGAACCCA
 CATAAACTGACCAGCAAAAGTCTGGGCCTGGCCCACTCAGCCTCAGGATCCCAGGAGATCAAAAGGCACCT
 CCCAGTTCCAGGTCTCAGCAGCCAGAGCCGAGACTGTCTATCCCAAGCCTGCCGGGTATACCCATGAC
 CATGTGCGCCCTAAAAAATACCCGAGTCACTTGCGAGGTGAGGAAAGCCTCACCACGTGAGACTGGAG
 AACTTCCGGAATGGAAGGCATGGTCCATCCATCCTGCACCGGAAGATGAGCCACAGAACATTGGAG
 CTGCTCGCCCATAAAGCGCAGTCTGGAGATTAGATCTTGATCGCCGGGAAAAAGCCAGGGCTGT
 GTCTCCCTTGACCCAGCCAAGGAGGCTTCTGGGAAAGAAAGGCCTCCGAACAGGAGAGCGAGGGCAAC
 AAAGCAGCCTACAGTGGGCATTCTGGGGCTGCATCGGAAGGTACAAGGTCCCCCTCTCTCCCTATCT
 TCCAGGTTTGTATTCTGGTAGCCTGTGTAACAGGCCTCAACTCCAGGCTCCCGGCCGGGTACTCCCA
 TTCTCTGCAGTACTTGAAGAACCAGACGGTGCTTCTCTCTCATGCAGCCCTGGCTTTCCACTCGCTT
 GTGATGCAAGAGGAATTTTACATCGCCAACAAATTCTCAGCAGCTGTACAGACACTTGGCCGAGCCA
 CCCCAGTAGGAAGTTCTACGGGACCTGTTACACAATAGCATCTACCCTTTAGCTGCTATCAACCTCA
 GGCCGCTTCCCGTCTTCTCAGTGTCTCCGTACACCCAGCACAAACTGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_001107624

Insert Size:

3555 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_001107624.1, NP_001101094.1

RefSeq Size: 4037 bp

RefSeq ORF: 3555 bp

Locus ID: 309728

Cytogenetics: 20p11