

Product datasheet for **RR202306**

Arid5a (NM_001034934) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arid5a (NM_001034934) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Arid5a
Synonyms:	MGC124686
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR202306 representing NM_001034934 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCAAGGAGCTGAGGGGAGATGATGGGGCCACTGAGAAGCTGAAGAAGGCCAAGGACTCAGAGGAGA
GGCAGGGCCGACCAGACCACATCAGAAAAGACCAAATCAGATGCCCTGGCCAGACACAGCTTCCCAGACA
AGGATCCTCAAGGATAGCACGGAACAGCTGGGCCAGTATCTGGGTCTTCTCCACGGTCTCTGGGTGCT
AATAGTTGTCTGAGGCCTACAAGCGGCTTTTGGCGAGCTTCTACTGCAAAGGGGCGCATGGTATCATGT
CACCACCTGGCCAAAAAGAACTCCTGGCTCAGGTGAGCAAGGCAGAGGCCTTGCAGTGCCAAAGAAGGG
CTGTGCCACGGAGCAAGGAGCCCAACAAGGACCTTCAAGAAAGTTCCAGAACCAAGAGGGCTGGCT
GAGAACTCTGAACACCAACTAACCCCCCGGAAGGATTGCGGGCCCTGGTGGCAGCACTGGTGTGGAGG
CACAGGTGGGCCCTGCCCTACAGCCCCACATTCTTAGGCCGTTTTTATGCGTACCCACCGAGGTGCT
GAAGCCGTCAGCCAGCACCCAGGGACTTCTTCTCCAGCCTTAAGACAGGGTGTCTGTTGGGACCCT
GGTAAAGAGGAAGGGCTGACAGCCAAAGAGTCCAGCTGGTATGGGTGGGGATGCCAACCGCCCTCTG
CATTCCACAAGGCAGCACAAGGAAAAGAAGTTCTATCCCAAGCCAAAGCCTGCTGGGTGCTCCCCCTG
GGCCAAGGTCCCTGCTGAGAGTCCCGAGCCCACTCCCCATCCAGGAGCCAGGTCTTAGCAAGAAG
CGCGGCTTGAAGAAGAGGGATACACTCATGGTGGCAAGAACTGAAGGCGGTGTCTCCCTTTCTGAAGG
AGGTGGATGCCAGGGAGAGTGAAGGCAAGCCTGCAGCCCTGGCTGGCTGTATCCTGTCTACTGGGCC
AGCCCTGGGGCCACTCCTCCAGAGTCTACAGGGGCACCATGCTGCGGTGTCTCTGAACCTCACCAGT
AGTGCAGACCCTGAAGGGCCAGGCCTCACTGCCCTCAGCCCCCTGGTCATTCTACTTTCCAGCCC
ATCTCCTGGCTACAACAGGCCCTCGCCTATGGCTACCAGCCTGATGCATTTCCCTCCACGCCATATGA
CACTGTCTTCGCAACAGACTGGGTCCAGCTTCGCTGCTGCTGGCAGTGGCCCCCGTCACAACCTATGCG
GCACCCCACTTCTCCACCTCAACACCAAAGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR202306 representing NM_001034934
 Red=Cloning site Green=Tags(s)

MAKELRGDDGATEKLLKAKDSEERQADQTTSEKTKSDAPGQTQLPRQGSSRDSTEQLGPVSGSSPPFLGA
 NSCP EAYKRL LASFYCKGAHGIMSPLAKKKLLAQVSKAEALQCQEEGCRHGARSPNKDLQESSQNPRGLA
 ENSEHQLTPPEGLRAPGGSTGVEAQVGPCTAPTFLGRFHAYPTEVLKPVSQHPRDFFSSLKDRVLLGPP
 GKEEGLTAKESQLVWGGDANRPSAFHKGSTRKRSFYPKPKACWVSPMAKVPAESPGAPLPHRSPGLSKK
 RGLEEEGYTHGGKLLKAVSPFLKEVDARESEGKPAAPGLAVSCLLGPALGPTTPEESYRGTMRLCPLNFTS
 SADPLKGQASLPFSPLVIPTFPAHLLATTGSPMATSLMHFPPTPYDTVLRNRLGPASSAWHVPPVTTYA
 APHFFHLNTKL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

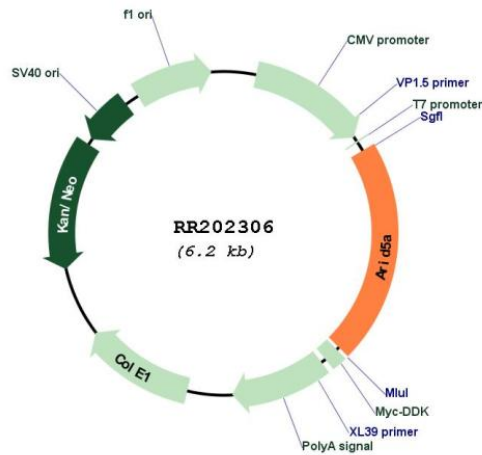
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001034934

ORF Size:	1293 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001034934.1 , NP_001030106.1
RefSeq Size:	2468 bp
RefSeq ORF:	1296 bp
Locus ID:	316327
Cytogenetics:	9q21
MW:	46.1 kDa