

Product datasheet for **RN203819**

Ar (NM_012502) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ar (NM_012502) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ar
Synonyms:	Andr; Tfm
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN203819 representing NM_012502
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGGTGCAGTTAGGGCTGGGAAGGGTCTACCCACGGCCCCCGTCCAAGACCTATCGAGGAGCGTTCC
 AGAATCTGTTCCAGAGCGTGCAGGAAAGCGATCCAGAACCAGGCCCCAGGCACCCCTGAGGCGCTAGCAT
 AGCACCTCCCGGTGCCTGTTTACAGCAGCGCAGGAGACTAGCCCCGGCGGCGCGCGCAGCAGCAC
 CCTGAGGATGGCTCTCCTCAAGCCACATCAGAGGCACCACAGGCTACCTGGCCCTGGAGGAGGAACAGC
 AGCCTTACAGCAGCAGTCAAGCTCCGAGGGCCACCTGAGAGCGGCTGCCTCCCGAGCCTGGAGCTGC
 CACGGCTCTGGCAAGGGGCTGCCGAGCAGCCACCAGCTCCTCCAGATCAGGATGACTCAGCTGCCCA
 TCCACGTTGTCCCTACTGGGCCCACTTCCAGGCTTAAGCAGCTGCTCCGAGACATTAAGACATCC
 TGAGCGAGGCCCGCACCATGCAACTTCTCAGCAGCAGCAACAGCAACAGCAGCAGCAGCAGCAGCA
 GCAGCAGCAGCAACAGCAGCAGGAGTAATATCCGAAGGCAGCAGCAGCGTGAGAGCAAGGGAGGCC
 ACTGGGGCTCCCTCTTCCCAAGGATAGTTACCTAGGGGCAATTCGACCATATCTGACAGTGCCAAGG
 AGTTGTGTAAGCAGTGTCTGTGTCCATGGGGTGGGTGTGGAAGCACTGGAACATCTGAGTCCAGGGGA
 GCAGCTTCGGGGCGACTGCATGTACGCGTGCCTCTGGGAGGTCCACCCCGCTGCGTCCCCTCTTGT
 GCGCCTTGCCGAATGCAAAGGTCTTCCCTGGACGAAGGCCCGGGCAAAGGCACTGAAGAGACTGCTG
 AGTATTCCTCTTCAAGGGAGGTTACGCCAAAGGGTGGAAAGGTGAGAGTCTGGGCTGCTGGCAGCAG
 TGAAGCAGGTAGCTCTGGGACACTTGAATCCCCTCACTGTCTGTATAAGTCTGGAGCAGTAGAC
 GAGGCAGCAGCATACCAGAATCGGACTACTACAACCTTCCGCTCGCTGTCCGGGCGCCGACCCCC
 GCACCCCTACCCATCCACACGCCCGCATCAAGCTGGAGAACCCTCGGACTACGGCAGCGCTGGGCTGC
 GGCGGCAGCGCAATGCCGCTATGGGACTTGGCTAGCCTACATGGAGGGAGTGTAGCCGGACCCAGCACT
 GGATCGCCCCAGCCACCGCCTTCTTCTTCTGGCATACTCTTTCACAGCTGAAGAAGGCCAATTATATG
 GGCCAGGAGGCGGGGCGGCAGCAGTAGCCCAAGCGATGCTGGGCTGTAGCCCCCTATGGCTACACTCG
 GCCCCTCAGGGGCTGGCAAGCCAGGAGGGTACTTCTCTGCCTCTGAAGTGTGGTATCCTGGTGGAGTT
 GTGAACAGAGTCCCCTATCCCAGTCCCAGTTGTGTTAAAAGTGAATGGGACCTGGATGGAGAATACT
 CCGGACCTTATGGGGACATGCGTTTGGACAGTACCAGGGACCAGTTTTTACCCATCGACTATTACTTCCC
 ACCCCAGAAGACCTGCCTGATCTGTGGAGATGAAGCTTCTGGTTGCACTACGGAGCTCTCACTTGTGGC
 AGCTGCAAGGTCTTCTTCAAAGAGCTGCGGAAGGAAACAGAAGTATCTATGTGCCAGCAGAAATGATT
 GCACCATTTGATAAATTTGAGGAGAAAAATGTCCATCGTGTGCTCCGGAATGTTATGAAGCAGGGAT
 GACTCTGGGAGCTCGTAAGCTGAAGAACTTGGAAATCTCAAACACTACAGGAAGAAGGAGAAAACTCCAGT
 GCTGGTAGCCCCACTGAGGACCCATCCCAGAAGATGACTGTATCACACATTGAAGGCTATGAATGTCAAC
 CTATCTTCTTAAATGTCTGGAAGCCATTGAGCCAGGAGTGGTGTGTGCCGGACATGACAACAACCAGCC
 TGATTCTTTGCTGCCTTGTATCTAGTCTCAACGAGCTTGGCGAGAGACAGCTTGTACATGTGGTCAAG
 TGGGCCAAGGCCCTGCCTGGCTCCGCAACTTGCATGTGGATGACCAGATGGCAGTCATTCAAGTATTCCT
 GGATGGGACTGATGGTATTTGCCATGGGTTGGCGGCTTCACTAATGTCAACTCTAGGATGCTCTACTT
 TGCACCTGACCTGGTTTTCAATGAGTATCGCATGCACAAGTCTCGAATGTACGCCAGTGGGTGAGGATG
 AGGCACCTTTCTCAAGAGTTGGATGGCTCCAGATAACCCCCAGGAATTCCTGTGCATGAAAGCACTGC
 TACTCTTCAGCATTATCCAGTGGATGGGCTGAAAAATCAAAAATCTTTGATGAACTTCAATGAACTA
 CATCAAGGAACCTGATCGCATATTGCATGCAAAAAGAAAAATCCACATCCTGTCAAGGCGCTTCTAC
 CAGCTACCAAGCTCCTGGATTCTGTGCAGCCTATTGCAAGAGAGCTGCATCAATCACTTTTGACCTGC
 TAATCAAGTCCCATATGGTGAGCGTGGACTTCTGAAATGATGGCAGAGATCATCTGTGCAAGTGCC
 CAAGATCTTTCTGGAAAGTCAAGCCATCTATTTCCACACACAGTGA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1516_b02.zip

Restriction Sites: SgfI-RsrII

ACCN:	NM_012502
Insert Size:	2709 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:	<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_012502.1 , NP_036634.1
RefSeq Size:	4137 bp
RefSeq ORF:	2709 bp
Locus ID:	24208
UniProt ID:	P15207
Cytogenetics:	Xq22
Gene Summary:	binds androgens and activates transcription; required for male sexual development [RGD, Feb 2006]