

Product datasheet for **RN216300**

Art4 (NM_001173509) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Art4 (NM_001173509) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Art4
Synonyms:	ATR4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN216300 representing NM_001173509 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCTGTGGTTTCCAGGAGGGCAGCTCACTCTGCTGCTGCTGCCGCTGCTGCTGCTGTTGCTCTGGG
 TCCAGCAGACACCGCGGGGAGCGCTGAGGCTGCTCTTAAGGTCGACGTGGACTTGACACCGGGTTCCTT
 CGATGATCAGTACCGAGGCTGTAGCAACAGGTGCTGGAGGAGCTAAATCAAGGAGACTATTTCTGAGG
 GAGATAGACACTATAAGTATTACTCCAGGGCGTGGCAAAAAGCCACCTAACCTGGCTGAACCAGGCAA
 CGTCCCTCCCTGAGAGCATGACTCCTGTGCACGCTGTGGCCATCTTGGTTTTACCTTGAATCTCAACGT
 GAGCTCTGACTTCGCCAAGGCCATGACCAGGGCTTCGGGGTCTCCTGGGCAGTACAGACAGTCATTCCAC
 TTCAAGTATCTGCACTACTACCTCACCTCAGCCATCCAGCTGCTGAGGAAAGAGAGCTCTACCAAGAACG
 GCAGTCCGTGTTACAGGGTACACCACAGGATGAAGGACGTGAACATCGAAGCCAATGTGGGTTCTACCGT
 TCGATTTGGCCAGTTCTCTCTGCCTCCCTGCTGAAGGAGGAGACACAGGTGTCTGGAAACCAACACTG
 TTTACATTTTCACTTGCTGGGCGCTCCGTGCAAGACTTCTCTCTCAGGAAGGAAGTCTTGATCCCTC
 CCTATGAGTTATTTGAAGTCGTGAGTAAGAACTGCAGCCTCAAAGGAGATTTGATAAACTTGCAGTCTGC
 TGGGAACGTGAGCAGGTACAACAGCTGCTGAAAGCTTCCAGCAAGAAGTGCACCCCTGCTCCAATG
 GTTGTCTTTGCCTCTGTTTGGTCAGTGCCTTATCTCGTCCAAAAGCAGAGAGCATAGGAATCTACCGG
 CTCCTTTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001173509


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Insert Size:	921 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:	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_001173509.1, NP_001166980.1</u>
RefSeq Size:	2436 bp
RefSeq ORF:	921 bp
Locus ID:	312806
Cytogenetics:	4q43