

Product datasheet for **RN205020**

Art5 (NM_001013039) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Art5 (NM_001013039) Rat Untagged Clone
Tag: Tag Free
Symbol: Art5
Synonyms: ARTC5
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN205020 representing NM_001013039
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGATTCTGGAGGATCTTCTGATGGTCCTCAGCTGCCTCGCCTTGACATCCTCTGGAAGGTACAAGCTG
TCCCTATCTGCCCTGAGCCTGGTCCGGATACCTTCGATGATGCCTATGTGGGCTGCTCTGAGGAGAT
GGAGGAGAAAGCAGGCCCTGCTGCTAAAGGAAGAGATGGCAGCCATGCCCTGCTACGGGAATCCTGGGAA
GCAGCGCAAGAGGCCCTGGGCACACGGGGCTCACAAAGCTTACTCTACCTCCCTGGCTTCAAAGCCCAGCAGG
GAGTAGCTGTTATGGTGTACACCAACTCATCAACACCTTGTACTGGGAGCTGAACCAGGCTGTGCGGAC
AGGAGGTCTCCGGGAGCTCTACATGAGGCACTTCCCCTTCAAGGCCCTGCATTTCTACTTGACCCGG
GCCCTGCAGTCTGTCGGGGCACTGGAGGATGCAGTAGGGAAGCTGGGGAGGTGGTGTCCGAGGTGTGA
GCAGCCTTCACTTTGAACCAAGAGGCTGGGGGACTCTGTCCGGTTAGGACAGTTTGCTCCAGCTCTGT
GGATGAAAGAGTGGCTCGCAGGTTTGGCAACGCCACCTTCTTCAATCTAAGGACTGTTTTGGGGCTCCT
ATCCAGGCTCTGTCTGTCTTCCCTGAGGAGCGTGAGGTGCTGATACCCCAATGAAGTCTTCTTGGTCA
CTGGGTTCTCCAGGATGGAGCCAGAGCATAGTGACGCTTGGAGTTATAATCAGACCTGCAGCCACTT
TAACTGCGCCTATTTGGGTGGGGAGAAGAGACGTGGCTGTGTGCTCAAGAGCAGGGCAGCCAGAGTCTG
TTCTCCACAGAGGCTTTGGCTCTGCAATCAGGGAAGACGCTGCTCTTGGCCCTGGGGAGTTGCAGCTCT
CCAGAGCTGGACCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001013039
Insert Size: 927 bp



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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:	<u>NM_001013039.1</u> , <u>NP_001013057.1</u>
RefSeq Size:	2016 bp
RefSeq ORF:	927 bp
Locus ID:	259167
UniProt ID:	<u>Q5XHY4</u>
Cytogenetics:	1q32
Gene Summary:	mouse homolog is an ecto-ADP-ribosyltransferase that displays NAD-glycohydrolase activity [RGD, Feb 2006]