

Product datasheet for **RN208006**

Art3 (NM_001012034) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Art3 (NM_001012034) Rat Untagged Clone
Tag: Tag Free
Symbol: Art3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN208006 representing NM_001012034
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGATGGGACATTTGAATTGGTCACCACGCTGCTGGCAGCCATGGTCTAATGGACGTCTTCCAGG
TGCAGCGGAAGTGTAGACATGGCAGAGAATGTGTTTGACGACGAATATTTGAAGTGAATAGCAGAAT
GGAAATGAAGTATATCCCTCGGATGCACGGTGAGGAGTTGGCAAATGACGAGCTCCTGCAGAGTGTGG
GACAAAGCAGGGATCCAGTGGGAGGCGCAGAAGGCTCAGCTCTCCCTCCCTAAGAACTTCAAGGATGCCT
ATGGAATAGCTCTGACAGCTTACGTAACCGAGGCTCAGGACCAGAGTCCCTTTTACCACACATTC AACCG
TGCTGTGAAGATAGCCGGCCTGTCCCGAAGACGCTACATCTATAACTTTCCGTTCAAAGCGTTTCATTTT
TACCTGGTAAGAGCCCTGCAGCTGCTGAGACGACCTTGTGAGGAGAGTTACAAAAACGTGGTGTACAGCA
CGAGCCCCAACATTTTATTTCGTTTTCGGCGAGCAAACCAAGCCAGGCTGGGCAACTTACGTTGGCGTA
TTCAGCCAAACCCAGACAGCTAACGAGCAACGGCTGCTAACCATCCAGACCTGCTTTGGAGTTGCCGTG
GGAAAGCTTCTTAATAAAGAAAGTGAGGGAATTGTTCTAATCCCTCTGAGTGAGGTTTTTCAGGTGTCAA
GGAAAGGAACTGACGACGACCTCATCTTACAGCATAAACAGTACCTGCAGCTACTACGAGTGTTCATT
CCTCGGGGTCTAAAAGCTGGTAGTTGTACCACAAACCCAGAAAATCCTGACCCTGGATATCTCAACAAC
CCTGATCTGGACAGTCAGAAGCTCGAAGACTCTGGTAGGAAAAGCCTTGACTCTGTGAAAATGCCAGAAA
TTAAAGTGCTACAAGGAGAGGAAAATCCCTCCTGCCAGATGAAAAGCCTGAAGACAGAAAATCGAGGAAA
GGCCAACGTTCTACTCCAGGTCTGGTTCGGTTCAGGTCCGAAGTCCCATCCTTCGTCATCCTCTGGC
CATCGGCTCCTTCGTCAGACACAGCATCCACCATTTACTCATCGCTGCTGTGGACTTCATCGCTC
TAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001012034



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| | |
|-------------------------------|---|
| Insert Size: | 1125 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: | <u>NM_001012034.1</u> , <u>NP_001012034.1</u> |
| RefSeq Size: | 1510 bp |
| RefSeq ORF: | 1125 bp |
| Locus ID: | 305235 |
| Cytogenetics: | 14p22 |
| Gene Summary: | human homolog is a member of the RT6 superfamily of ADP-ribosyltransferases; may play a role in immune response [RGD, Feb 2006] |