

Product datasheet for SC323007

ART3 (NM_001130017) Human Untagged Clone

Product data:

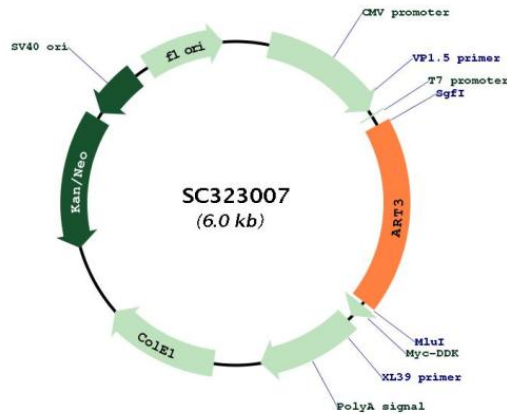
Product Type:	Expression Plasmids
Product Name:	ART3 (NM_001130017) Human Untagged Clone
Tag:	Tag Free
Symbol:	ART3
Synonyms:	ARTC3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC323007 representing NM_001130017. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAATACGACTACTATAGGGCGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAAGACGGGACATTTTGAATAGTCACCATGCTGCTGGCAACCATGATTCTAGTGACATTTTCCAG
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CCTGCTCAGGTCAGTTCTCTGTTCCAGGTCCCAAAGCCATCCTTCTGCATCCTCGGGCAAACCTGCTG
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001130017

Insert Size: 1104 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: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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: [NM_001130017.2](#)

RefSeq Size: 1563 bp

RefSeq ORF: 1104 bp

Locus ID: 419

UniProt ID: [Q13508](#)

Cytogenetics: 4p15.1-p14

Protein Families: Transmembrane

MW: 41.5 kDa

Gene Summary: This gene encodes an arginine-specific ADP-ribosyltransferase. The encoded protein catalyzes a reversible reaction which modifies proteins by the addition or removal of ADP-ribose to an arginine residue to regulate the function of the modified protein. An ADP-ribosyltransferase pseudogene is located on chromosome 11. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]
Transcript Variant: This variant (3) lacks an alternate in-frame segment and differs in the 5' UTR compared to variant 1. The resulting isoform (c) has the same N- and C-termini but is shorter compared to isoform a.