

Product datasheet for SC323015

ART3 (NM_001130016) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ART3 (NM_001130016) 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:	>SC323015 representing NM_001130016. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAAGACGGGACATTTTGAATAGTCACCATGCTGCTGGCAACCATGATTCTAGTGACATTTTCCAG
GTGAAGGCTGAAGTGTAGACATGGCAGATAATGCATTTGATGATGAATACCTGAAATGTACGGACAGG
ATGAAATTAATACGTTCCCAACTGCTAAAGGAGGAAAAAGCAAGCCACCAGCAATTAGATACTGTG
TGGGAAAATGCAAAGCCAAATGGGCAGCCCGAAAGACTCAAATCTTTCTCCCTATGAATTTTAAGGAT
AACCATGGAATAGCCCTGATGGCATATATTTCCGAAGCTCAAGAGCAAACCTCCCTTTTACCATCTGTTC
AGTGAAGCTGTGAAGATGGCTGGCCAATCTCGAGAAGATTATATCTATGGCTTCCAGTTCAAAGCTTTC
CACTTTTACCTCACAAAGAGCCCTGCAGTTGCTGAGAAAACCTTGTGAGGCCAGTTCCAAAACCTGTGGTA
TATAGAACAAGCCAGGGCACTTCATTTACATTTGGAGGGCTAAACCAAGCCAGGTTTGGCCATTTTACC
TTGGCATATTCAGCCAAACCTCAGGCTGCTAATGACCAGCTCACTGTGTTATCCATCTACACATGCCTT
GGAGTTGACATTGAAAATTTTCTTGATAAAGAAAGTGAAGAATTACTTTAATACCTCTGAATGAGGTT
TTTCAAGTGTACAGGAGGGGGCTGGCAATAACCTTATCCTTCAAAGCATAAACAAGACCTGCAGCCAT
TATGAGTGTGCATTTCTAGGTGGACTAAAAACCGAAAACCTGTATTGAGAACCCTAGAAATTTTCAACCC
ATCTATGTCTACAACCTGGTGAGAAAAACCAGAAGCTTGAAGACCATAGTGAGAAAAACCTGGAAGCTT
GAAGACCATGGTGAGAAAAACCAGAAGCTTGAAGACCATGGTGTGAAAATCCTTGAACCCACCCAAATA
CCTGGAATGAAAATTCAGAACCTTTTCCACTACCTGAAGATAAAAAGTCAAGGAAATATCAACAATCCT
ACTCCAGGTCCAGTTCCTGTTCCAGGTCCAAAAGCCATCCTTCTGCATCCTCGGGCAAACCTGCTGCTT
CCACAGTTGGGATGGTCATCATTTTAATCAGTGTCTGCTATAAATCTCTTTGTTGCTCTGTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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ACCN:	NM_001130016
Insert Size:	1170 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:	<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_001130016.2</u>
RefSeq Size:	1613 bp
RefSeq ORF:	1170 bp
Locus ID:	419
UniProt ID:	<u>Q13508</u>
Cytogenetics:	4p15.1-p14
Protein Families:	Transmembrane
MW:	43.9 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).</p>