

Product datasheet for **SC334725**

ART5 (NM_001297668) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ART5 (NM_001297668) Human Untagged Clone
Tag:	Tag Free
Symbol:	ART5
Synonyms:	ARTC5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001297668, the custom clone sequence may differ by one or more nucleotides

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ATGGCGTGGCGGCTTTGATGATCGCCCTCGGCAGCCTCGGCCTCCACACCTGGCAGGCCAGGCTGTTC
CCATCCTGCCCTGGCCTGGCTCCAGACACCTTTGACGATACCTATGTGGGTTGTGCAGAGGAGATGGA
GGAGAAGGCAGCCCCCTGCTAAAGGAGGAAATGGCCCACCATGCCCTGCTGCGGGAATCTGGGAGGCA
GCCCAGGAGACCTGGGAGGACAAGCGTCGAGGGCTTACCTTGCCCCCTGGCTTCAAAGCCCAGAATGGAA
TAGCCATTATGGTCTACACCAACTCATCGAACACCTTGTACTGGGAGTTGAATCAGGCCGTGCGGACGGG
CGGAGGCTCCCGGAGCTCTACATGAGGCACTTCCCTTCAAGGCCCTGCATTTCTACCTGATCCGGGCC
CTGCAGCTGCTGCGAGGCACTGGGGCTGCAGCAGGGGACCTGGGAGGTGGTGTCCGAGGTGTGGGCA
GCCTTCGCTTTGAACCAAGAGGCTGGGAGACTCTGTCCGCTTGGGCCAGTTGCCTCCAGCTCCCTGGA
TAAGGCAGTGGCCACAGATTTGGGGAGAAGAGCGGGGCTGTGTGTCTGCGCCAGGGGTGCAGCTAGGG
TCACAATCTGAGGGGGCCTCCTCTGCCCCCTGGAAGACTCTGCTCTTGGCCCCCTGGAGAGTTCCAGC
TCTCAGGGGTTGGGCCCTGA
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001297668
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).



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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_001297668.1</u> , <u>NP_001284597.1</u>
RefSeq Size:	1484 bp
RefSeq ORF:	720 bp
Locus ID:	116969
UniProt ID:	<u>Q96L15</u>
Cytogenetics:	11p15.4
Protein Families:	Secreted Protein
Gene Summary:	<p>The protein encoded by this gene belongs to the ARG-specific ADP-ribosyltransferase family. Proteins in this family regulate the function of target proteins by attaching ADP-ribose to specific amino acid residues in their target proteins. The mouse homolog lacks a glycosylphosphatidylinositol-anchor signal sequence and is predicted to be a secretory enzyme. Several transcripts encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2014]</p> <p>Transcript Variant: This variant (3) uses an alternate in-frame splice junction at the 3' end of an exon and an alternate splice junction at the 5' end of the last exon compared to variant 1. The resulting isoform (b) lacks an alternate internal segment and has a longer and distinct C-terminus compared to isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>