

Product datasheet for **SC320276**

ARMC1 (NM_018120) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARMC1 (NM_018120) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARMC1
Synonyms:	Arcp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_018120.3
 GTCACCTGGGAAGAGTCTGCAGAGCCTTTGCCCGCCAGCGCCTTCGCTCTTTGGCTCCCT
 GAGTTAATCCGGTTGTTTGCATCGCCGCGGCCGGGGCTGCGAACCGAAGGGCTCGCTCC
 GCGCCGCTGGTCTCTACCTCATCCGTAGGTGTGGCCCTGATGGTGTGGCAGGCTCTGG
 ACTCCTAAAGCTCTGGAGCGAATTTAAGATTTTATTCATGTGCATGGCATAGAAGATGAA
 TTCTTCCACTTCCACCATGAGTGAAGAGCCTGACGCTCTATCGGTAGTTAACAGTTACG
 GGATCTAGCAGCAGATCCGTTAAACAGAAAGGCCATCGTCCAGGATCAGGGATGTCTGCC
 TGGCCTTATTTTATTTATGGACCATCCCAACCCTCCAGTGTCCACTCCGCTTTGCTTGC
 TCTTCGATACTTGGCAGAATGCCGTGCAAAACAGAGAAAAGATGAAAGGAGAACTGGGTAT
 GATGTTGAGCTTACAAAATGTTATACAGAAAACACTCAACTCCAGGAGAAAACAAAATTCT
 GGCCTCTGAAATCTATGACATTCTTCAGTCTCCAATATGGCAGATGGTATAGTTTTAA
 TGAGATGAATTCACGTCGAAGGAAAGCTCAATTTTTCTGGAACTACAAAACAACTGC
 CAAAACAGTGGTTTTGCATATAGATGGCCTTGATGATACGTCTCGGAGAAATCTATGTGA
 AGAGGCTTTGTTAAAAATTAAGGTGTTATTAGCTTTACTTTTCAATGGCTGTTCAAAG
 GTGTGTGGTGCGAATCCGTTTCAGATTTGAAAGCTGAGGCTTTGGCATCAGCAATAGCATC
 AACCAAGTTATGAAAGCTCAGCAAGTTGTGAAAGTGAAAGTGAGAGAAGAGATGTTGGT
 CCCATTCCAAGATACTCCTGTGGAAGTTGAACAGAACACAGAGCTACCTGACTACCTGCC
 TGAGGATGAGAGTCCACAAAAGGAACAGGACAAAGCGGTGCCCGGGTCCGGCTCACACCC
 AGAAGGTGGAGCTAGCTGGCTTAGCACAGCTGCAAACCTTTTTATCCAGATCATTTTATTG
 GTGACTTCACTTTTGGGCTCAAGGACTGTGTGAACCAACAAGGGGCCAGTTTTCCATTGT
 TGTGGTGAAGTGTCAAGTGAATTTGCAATAAGTTATCATGAAAAGTTTTAGATTACAC
 GATCGCATATGCTGCATTTACATTTTATTGGACATTTTACCCCACTGAGTGGTAAAAAG
 GACAGAGGCTACAGATGGAGTTGCTTTTGTATGAAAAGTTTTGGTTTTGTTTTCTTCA
 TTTAATTGCCTCATATTTAAAAACCATGGTCCACTGTTAAAACCATGTGTATGTGCA
 GCTTTACATTTTATTTTACGTGAAGCATGTGATTAGGAAAACACTATTTTCTTTTCAAGCC
 TCAGGACCTACCTGAAGAGAAGTTTTCTGTAGCTCAAGTTGTGCATGAATTAAGTAATA
 TTTTACTGTGCTTTTCTTCATGAAGGTACATGCTTTGTACTTCTCACTGAAAGCTGAAA
 ACATTTCTTGTACCCTCTTTTGTGCCTTTTTATTTTGCCAACCGTGTATAGAAAAGGA
 CATTACTAATGACATTTTGCAGATTAACAAACATTCATTTGAACACAGTAGTCCCTAGAA
 AAACAACCTACAAAAATTTTGCAGCCTTATTCATTATAATTTTGATAAAATTAACACAA
 AATCAGTCAAGAAGGAACATGTATATTAGTGAAGTGTGTTTTGGAGACTGTTGAATGTG
 ACCAAATGTGGTTCTAGTTGACTTCTTTTCACTTTGGCTTATATCAATCTTGAGAGTTA
 ATGTGATCATGATATTGCAAAACACTATAAATGGTCTCTAGGCCTTACTTTGTGATTATA
 CGTTATCTCCGGCTAGAAAAAATAATGGTAGTAAAGAACTGACAACTGAAAAAAGA
 AAACAAAATCAAATGCCTATAATACCATAATGCCAGTTTGGTATAGAGTCCAACTTTAA
 AACATGAATTGCTCGACAGAGTTCTATTCAGTAGGTGTTCTTTGTATTGTCTTTTGTGA
 ATTTATTATGAAAATGCTGCGTTGTGTTGAATGAAAAAGACCCAAATTAAGTCTTATGAA
 GAAATAAAGCCAGCATTGATCACTTAATCCTGTTTCTCATGTCCAGCCAGAAAAAAGAAC
 TTCAGTGAAGGTAAGATAAATAAATACATACACATATGTTTTTTTTGGTAGATAAGTGCTA
 ATTACATATATGTAATGCTTTTATAAATTTCTGAAATATTTGGTAACTAAAATTTCTTT
 TTGAAAATTAATAAATCCAGATACATATTAATGTTGATATGAGTAAAAACAAATAGGAAG
 AAATTGAAATTTCTTTTTCATCAACATGTAGAGCTGCTATTTTACTATTTGGAGAATATGA
 TGTGAAAATTGGACCTCAAAGGGTTTCCTTGTGTTTTCTTGTGAAAATACCATCATCAGT
 GAGAGTCTTGAGTTCACTAACATTGTCACCTTCTGGAGAGAGAGTTAATGGGGGCATTG
 AGGATGATATTTTTTACATGTGTTTGGTTTCTGATTCAAGTGACACGCACAACTGAAA
 AAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_018120

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_018120.3</u> , <u>NP_060590.1</u>
RefSeq Size:	2657 bp
RefSeq ORF:	849 bp
Locus ID:	55156
UniProt ID:	<u>Q9NVT9</u>
Cytogenetics:	8q13.1
Gene Summary:	<p>In association with mitochondrial contact site and cristae organizing system (MICOS) complex components and mitochondrial outer membrane sorting assembly machinery (SAM) complex components may regulate mitochondrial dynamics playing a role in determining mitochondrial length, distribution and motility.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). 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>