

Product datasheet for **SC318345**

ARMC2 (NM_032131) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARMC2 (NM_032131) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARMC2
Synonyms:	bA787I22.1; SPGF38
Vector:	<u>pCMV6 series</u>



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_032131, the custom clone sequence may differ by one or more nucleotides

```

ATGCTGTCTCCAAATGATAAAATGTTAGGAAAAGTGGATCCATTTTATCAACCTTCAGTG
TCCAAGCAGAAGACCAGTGCAGAAATCATAAGTGAAGCAAGAAATGCATTAAGAACAGTT
AGAACCCAAAGACCATTACACACAGGAGGCTCAAAGAAAATATTCGGACCTGCATCC
TCAAGAACATCAGAAAATAGACCTCCTTCCTCCTCAGCCTCCATGCATCCAGTTTGTAG
TCATCTGATTCCAGGCTATCTCTGGCACACGTCTTAGTCCACTAGAGCTGAAACCGAAA
GTTCCAGCATCTCCACCAGAGAGGAGGATTCTGCTTTTCTTTCTTAAGCCCCCAGTG
GACCTGCGAAGATTAGAAGAGTAAGCAACGCCAGGGCTCGCTTATTCAGGGCTGCCTCC
CAGCGGGCCCTTCTGCCGACAGATCCCTTCTCCCTCCGACTCAAAGAAGACAGTGAA
TCCAAAGAAACAGTTATGATGGGGGACTCTATGGTGAAAATAAATGGGATTTATTTAACA
AAATCAAATGCTATTTGCCACTTAAAGAGTCACCCACTTCAGCTAACTGATGATGGAGGC
TTCAGTGAAATAAAGGAGCAAGAAATGTTCAAAGGAACAACATCTTACCATCTCATCTC
AAGAATGGAGGGGACCAGGGGAAGAGACATGCGAGGGCCTCATCATGCCCCAGTAGCTCA
GACCTGAGCAGGCTGCAAAACAAAGCAGTCCCAAAGCTGACCTGCAAGAAGAGGACGCA
GAAATAGAAGTAGACGAAGTCTTTTGAAATACAAGGATTGTACCGATTTTGCCTGAATTA
GAAAAGGAAGAAACATTGAAACGGTTTGTGCTGCTTGACACAACTTCATCATGCTTTA
GAGGAAGGAAACATGCTTGAAATAAATTTAAGGGAAGAAGTATTCTCCTGAAGACCCTG
TGTAACCTAGTTGATGTTGGTTCAGACTCGCTCAGCCTTAACTTGCAAAAAATAATTCTA
GCATTTAAAGTGAGTAGAAGAAATCTTCTTAATGTCTGCAAACTATATTTAAATTAGC
AGGAATGAGAAGATGATTCTTTGATTCAAATGACAGCATTCTGGAATCATTATTGGAG
GTACTAAGAAGTGAAGACCTGCAAACTAACATGGAAGCTTTTTTATACTGTATGGGGTCT
ATAAGTTCATTTCTGGAATCTGGGATTCTTAATGAAATGATCAGCAAGGTGCTGTG
GAAATACTGATAAATTTGATAAAACAAATAAATGAGAACATCAAGAAATGTGGTACATTT
TTGCCTAATTCGGGCCACTTGCTAGTCCAGGTGACTGCTACATTGAGAACTTGGTTGAT
TCATCATTAGTAAGAAGTAAGTTCCTAAACATCAGTGCCCTTCCCCAGCTCTGCACGGCA
ATGGAACAGTACAAGGTGACAAGGACGTCTGTACCAATATTGCCAGAATATTCAGCAAA
CTTACTTCTTACCGTGACTGCTGCACAGCCTTGGCCAGCTATTCCAGATGTTATGCCTTA
TTTCTGAATCTAATTAACAAATACCAGAAGAAGCAGGATTTAGTCGTCCGTGTTGTTTT
ATTCTTGCAACCTGACGGCAAAAAATAACCAGGCTCGTGAACAATTTTCAAAGAGAAA
GGGAGCATCCAACTCTGCTGTCAATTATCCAGACGTTCCATCAGCTGGATCTGCATTCC
CAGAAGCCGGTGGGCCAACGAGGCGAGCAGCACAGGGCGCAGAGGCCGCCGTGAGAGGCA
GAGGACGTGCTCATCAAGCTGACTCGTGTGCTGGCCAACATTGCCATCCACCCGGGCGTG
GGCCCGGTGCTGGCCGCCAACCCGGGGATAGTGGGCCTGCTCCTGACCACGCTGGAATAC
AAGTCACTTGATGATTGTGAGGAGCTGGTGATCAATGCTACAGCGACAATCAACAATTTA
TCTTACTACCAAGTGAAGAATCCATAATTCAAGACAAAAAGCTATATATTGCTGAATTG
CTCTTAAAGCTTCTTGTGAGTAAACATGGATGGAATCCTGGAGGCTGTGCGTGTGTTTC
GGAAATCTCTCCAGGACCATGATGTCTGCGATTTTATTGTGCAGAACATGTCCACAGG
TTCATGATGGCGCTGCTGGATGCTCAGCATCAGGATATCTGCTTTTCTGCCTGTGGTGTT
CTCCTCAATCTCACTGTGGATAAAGACAAGCGTGTCACTTTGAAAGAAGGAGGTGGCATT
AAAAAGTTAGTGGACTGTTTAAGAGATTTGGGTCTACTGATTGGCAGCTGGCCTGCTTG
GTTTGTAAACTTTATGGAACCTCAGTGAACATCACTAATGCTTCGTCATGTTTTGGA
AATGAAGACACCAACACACTCTTACTCTTGCTCTCATCATTTTTAGATGAAGAACTAGCA
CTGGATGGCAGTTTTGATCCAGACCTAAAAAACTATCACAACCTCCATTGGGAAACAGAA
TTCAAACCTGTGGCACAGCAGCTTCTAAACCGAATTCAGAGACATCACACCTTCTGGAA
CCCCTGCCCATTCCTCTTTTC

```

Restriction Sites: Please inquire

ACCN: NM_032131

Insert Size: 3736 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:	<u>NM_032131.4, NP_115507.4</u>
RefSeq Size:	3736 bp
RefSeq ORF:	2604 bp
Locus ID:	84071
UniProt ID:	<u>Q8NEN0</u>
Cytogenetics:	6q21
Gene Summary:	Required for sperm flagellum axoneme organization and function (By similarity). Involved in axonemal central pair complex assembly and/or stability (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (a).