

## Product datasheet for **SC321169**

### ARMC7 (NM\_024585) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ARMC7 (NM_024585) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARMC7
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\_024585.2  
 CGGGGACGGTGCGCCAGTGCCCCCTCCGCGAGCCCAACCCAGTAGACGGTTCCTGTCTC  
 CCGCGCCCAATTTTCGATTTTCAAACGCAACTCTACAGGATTCTGAGACCCCGTCCCAT  
 CTCCCATATCCCATTTCCAGCTGCAAACTACTGCAGAATCTGAACCCAGGAAAGAAACCC  
 ATTTGCCGACCCCTCTTCCCTCAGACAGGTGGAGAGCGGGTGAGGGTCTCGCTCGG  
 CTTTCCCCTGCACCTTTCCACCCTCCGCCCCGCTCCGGGGTCTCCGTCACCGCGG  
 CCATGGCCGAGAAGCCGAAGGTGGACCCCAAGTCCGGGCGGCTGGGATACCTGCAGGCGC  
 TGGTACGGGAATTCAGGAGACCCAAAGCCAAGACGCCAAGGAGCAAGTCTCGCCAACC  
 TCGCCAACCTCGCTTATGACCCAGCAACTACGAGTATCTGCGGAGCTGCAGGTCTGG  
 ATTTATTTCTCGATTGCTGTCGGAGGAGAATGAGACCCTGGTGGAGTTTCTATTGGAG  
 GCCTGTGCAACCTGTGCCAGACAGGGCCAACAAGGAGCACATCTGCACGCAGGAGGTG  
 TCCCACTCATCAACTGCCTATCCAGCCCAATGAGGAGACGGTGTCTGTGCCATCA  
 CCACGCTCATGCACCTGAGCCCGCGGGCCGACGCTTTCTCCAGAGCTGACCGCCACGC  
 CCGTGGTGCAGTGCATGCTTCGCTTCTCCCTCTCGGCCAGCGCCAGGCTCCGGAACCTGG  
 CACAGATCTTCTGGAGGACTTCTGCTCCCCCGCCAGGTGGCCGAGCCCGCAGCCGGC  
 AGGCGCACTCTGCCTGGGTATCCCACTGCCGAGGAGCGTGGCCCCACGGCAGCGCTGAT  
 CCATGGAGACTGCGAGACCGTGGCACCCCTACTGCTGGGACCACAGTCTGATGTGGAC  
 GCAGGGAACGGGGAGCACATACTGCCCAATTGGTGCCTTTTACGCCATCTGAAAGGCGGG  
 TTCTTTCAGCAGGACAGGCATTTACTGATGAAACGCCACTGGGAGTGAGGAAGCCAGA  
 CTCCAGAGACACGGAGAAGATCAAACCTGGAGCTGCGTTTCATAGGCTGGCACTCTCAATCC  
 TACATCAGGTGCCACCACCAGACTCAGGCCCTGGTGTAAAGAGCGGCCAAGTGCCTG  
 GACCCAGAGGCTTTGCAGGACAGTGTTCAGGAGCTGGGCTGAGGCTTAGGAGAGCTG  
 CCTTCGCTGCAGGAAATCAGGGATTATCCCTAACAGAAGTGTCTGGAGTAGTTTTTCAGG  
 TATAGGAATGAGATGCCTCGTGGTGAAAGGATCTCACCCCTGGGAAGATGTGGTGCSCCT  
 CCAGGGCTCTGGAGGATGGATGCCTCCCCAGGGGCTCTCCAAGCTGGGCATTTGGGCT  
 GGTGGATGCCAACCTGGATAACCTGTGGCCAGCATTGACTGTCCACCCAGCCTTGTGT  
 TAGGCACCATGACTCCAAGATGAAGATGTGGTCCCTGCCCTTGTAGTGACAGCCAGGGAC  
 TTAATGTGGCCATCGGGCATCAAGCACAAGGCCATGCAGGTGATGATACGTCGGAATAGA  
 GGCACCAGCCCTGGTAAGTGCATCTTCTCCCTTGCCACCCATGGCCCCGGTCAAAGC  
 TTCGGCCCTCTGCTGTCACTCAATGATGGGGAGCCCTACCCAGAAAGTGTATCCAC  
 GAGGGCATCAGGGACGCAGTGTGTTGCTCAAGGGAGTCAAGGAGACGGCAACGTAA  
 AGGATGTGGCTCCATGTCCATGGTGCSCCTGGTCAACATAAGGAGCGTGGGATCCGATG  
 GAAAGGTGGAGCTCAGGGAAAATGGGGTCTTGCCTCTCGTGTACCCCTCAAGGCTGA  
 CCCCTTAGATGGCCAGGAATGGCAGGTGTACAAAAATGGTACCCACGTGGGCATGGAA  
 ATGGGGCAGATTAGGGGACCACTGGACTCAGAGGGGAGGGAAAGGGCTCATCAGCACCCGC  
 TCAGGGAGCCTGTCCCTTATGTTCCCAAATAAGGGTCTAGAAAGACTAGAAAGCCAAG  
 GTCTTTTATTAAGGTCCCGACTGGTAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_024585

**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\\_024585.2](#), [NP\\_078861.1](#)

**RefSeq Size:** 2146 bp

**RefSeq ORF:** 597 bp

**Locus ID:** 79637

**UniProt ID:** [Q9H6L4](#)

**Cytogenetics:** 17q25.1