

Product datasheet for **SC322011**

ARMC6 (NM_033415) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARMC6 (NM_033415) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARMC6
Synonyms:	R30923_1
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 SC322011
 GGGAGGCCAAGCCTAGGGGCGCCACAGCGCCTGCGCGCGTACGGCGGCCGGAAGGGGCTA
 GAGGCGGCTCCCTGGGTGACAACCGCGGCCACCTTTCCCCACGTGGCCGCGAAGACC
 GGCACCTGTGACTGAGTGCCTGCTGCGTGTGGGCCCCGTCCTAGGCAGTGGGGACAAG
 GAGGCTACAGGGTACAAATAAATGAGTGAACGATGTTGCTCTAGATACAGCTCAGGAGCA
 TCTATCGGCTGCACGCCAACATCAACACAGGCGAAGATGGTCTCCAAGCGCATTGCCAG
 GAGACCTTTGATGCAGCTGTGCGCGAGAACATCGAGGAGTTTGGATGGGGCCAGAGGAG
 GCAGTGAAGAGGCCGTGGAGCAGTTTGAATCGCAAGGGGTTGATCTGAGCAACATTGTA
 AAGACGGCACCTAAAGTCTCTGCAGACGGATCCCAGGAGCCACACATGACATCCTGCGAG
 ATGCTCAGTGACCTCCAGGAGTCTGTGGCCAGCTCTCGCCCCAGGAGGTGTGAGCATAAC
 CTCACCCGCTTCTGCGACCAGTGCAAACAGGACAAGGCCCTGCCGTTCTCTCGGGCCAG
 AAGGGGGCTACCCCATCATCTTCACTGCCTGGAAGCTGGCCACTGCAGGTGACCAGGGC
 CTTCTGCTCCAGTCCCTCAATGCCCTGTCGGTGTGACTGATGGACAGCCAGACCTCTG
 GATGCCAGGGCCTGCAGCTCCTAGTGGCCACGCTGACCCAGAATGCTGATGAGGCTGAC
 CTGACCTGCTCTGGGATCCGCTGTGTGCGTCACGCTTGCCTGAAACATGAACAGAATCGG
 CAAGACCTGGTGAAGCTGGCGTGTGCCTCTGCTGACTGGTGCCATCACCCATCATGGC
 CACCACACTGACGTGGTCAGGGAAGCCTGCTGGGCCCTGCGTGTGATGACCTTCGATGAC
 GACATCCGTGTGCCCTTTGGCCATGCCACAACCATGCCAAGATGATTGTGCAGGAGAAC
 AAAGGCTTGAAGGTGCTCATCGAAGCCACCAAAGCGTTCTGGATAACCTGGCATCCTG
 AGCGAGCTCTGTGGAACCTGTCCCGCCTGGCCATTGCAACGAGTTCTGCCAGGAGGTC
 GTCGACCTCGGGGCTGAGCATTCTGGTGTCCCTGCTAGCCGACTGCAATGACCACCAG
 ATGAGGGACCAGAGCGCGGTTTCCAGGAGCTCGTGAAGCAAGTGTGAGCACCTGCGAGCC
 ATCGCAGGCAACGACGACGTGAAAGATGCTATTGTCCGTGCTGGTGGGACGGAGTCCATC
 GTGGCTGCTATGACCCAGCATCTGACCAGCCCCAGGTGTGTGAGCAGAGCTGCGCGGCC
 CTGTGCTTCTGGCCCTGCGTAAGCCCGACAACAGCCGCATCATCGTGGAGGGTGGCGGG
 GCTGTGGCAGCACTGCAGGCCATGAAGGCACACCCGAGAAAGCCGGCGTGCAGAAAACAG
 GCTTGCATGCTGATCCGAAACCTGGTGGCCACGGCCAGGCCCTTCTGAAAGCCCATCCTG
 GACCTGGGGGCTGAGGCACTCATATGCAGGCCGATCTGCCACCGTACTGTGAGGAC
 GTGGCCAAAGCCGCCCTGCGGGACCTGGGTTGTCATGTGAGCTCCGAGAGCTGTGGACA
 GGCCAGAGGGGCAACCTGGCGCCATGACCCAGGCCAGTCTGGGCCGTGACTCTGGGTG
 AGTCGTGTGACTCAGGAATGGGGGTAGATCCATGTCCTCCACTGTCCCCATTAGTTCTG
 TCCCTTCAACAATGAGAAGTGTCTTCTGGCAGGCCCTAGGTAAAGGGTCGGGGGAGGGGG
 GAGCCTTGTAGGGAGGCCTCTACACAGAAGAAAGCAGCCCCATGTCCCAGCCACTTCTG
 GGTCCCAGCCAGCAGCACGGATGTTACTGTCCTGCTCCTTCCCCAGCCCCACGCCCTAC
 CAGAGGGGGCAAAGGGCACGTCCCATCACTCACTGCCCTGTCTGAAATGTGGCAGCCACT
 GTGGGCCAGGCTCAGGGCAGGGCAGGCGATTCCAGTGGGGTTGGGCCCTTGGCGCCTGC
 TGCTTACTGCAGTTTATGCAGGCCCTGCTCCTTGTCTTTCTTACCTGTAATAATGGGTC
 TCAGATGCTCCGCCCTGCTTGGCCCCAGTTGTCTGCTCTGGGTCCTGGGCCAGCCAGG
 ATACCTGATAATAAAGATCATTGGGTGAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** Please inquire
- ACCN:** NM_033415
- 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_033415.2</u> , <u>NP_219483.1</u>
RefSeq Size:	2319 bp
RefSeq ORF:	1431 bp
Locus ID:	93436
UniProt ID:	<u>Q6NXE6</u>
Cytogenetics:	19p13.11
Domains:	Armadillo_seg
Protein Families:	Stem cell - Pluripotency
Gene Summary:	<p>The function of this gene's protein product has not been determined. A related protein in mouse suggests that this protein has a conserved function. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2010]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (2) is shorter at the N-terminus compared to isoform 1.</p>