

Product datasheet for **SC112768**

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:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC112768 sequence for NM_033415 edited (data generated by NextGen Sequencing)

```
ATGGTCTCCAAGCGCATTGCCAGGAGACCTTTGATGCAGCTGTGCGCGAGAACATCGAG
GAGTTTGCATGGGGCCAGAGGAGGCAGTGAAAGAGGCCGTGGAGCAGTTTGAATCGCAA
GGGTTGATCTGAGCAACATTGTAAAGACGGCACCTAAAGTCTCTGCAGACGGATCCCAG
GAGCCCACACATGACATCCTGCAGATGCTCAGTGACCTCCAGGAGTCTGTGGCCAGCTCT
CGCCCCCAGGAGGTGTCAGCATACCTCACCCGCTTCTGCGACCAAGTCAAACAGGACAAG
GCCTGCCGCTTCTCGCGGCCAGAAAGGGGCTACCCCATCATCTTCACTGCCTGGAAG
CTGGCCACTGCAGGTGACCAGGGCTTCTGCTCCAGTCCCTCAATGCCCTGTGCGTGCTG
ACTGATGGACAGCCAGACCTCCTGGATGCCAGGGCTGCAGCTCCTAGTGGCCACGCTG
ACCCAGAATGCTGATGAGGCTGACCTGACCTGCTCTGGGATCCGCTGTGTGCGTCACGCT
TGCCTGAAACATGAACAGAATCGGCAAGACCTGGTGAAGCTGGCGTGCTGCCTCTGCTG
ACTGGTGCCATCACCCATCATGGCCACCACACTGACGTGGTCAGGGAAGCCTGCTGGGCC
CTGCGTGTCATGACCTTCGATGACGACATCCGTGTGCCCTTTGGCCATGCCACAACCAT
GCCAAGATGATTGTGAGGAGAAAGAGCTTGAAGGTGCTCATGAAGCCACCAAGCG
TTCTTGATAACCTGGCATCCTGAGCGAGCTCTGTGAACCTGTCCCGCTGGCCATT
CGCAACGAGTTCTGCCAGGAGGTGTCGACCTCGGGGGCTGAGCATTCTGGTGTCCCTG
CTAGCCGACTGCAATGACCACCAGATGAGGGACCAGAGCGGCGTTGAGGAGCTCGTGAAG
CAAGTGCTGAGCACCTGCGAGCCATCGCAGGCAACGACGACGTGAAAGATGCTATTGTC
CGTGCTGGTGGGACGGAGTCCATCGTGGCTGCTATGACCCAGCATCTGACCAGCCCCAG
GTGTGTGAGCAGAGCTGCGCGGCCCTGTGCTTCTGGCCCTGCGTAAGCCCGACAACAGC
CGCATCATCGTGGAGGTGGCGGGCTGTGGCAGCACTGCAGGCCATGAAGGCACACCCG
CAGAAGGCCGGCTGCAGAAACAGGCTTGATGCTGATCCGAAACCTGGTGGCCACGGC
CAGGCCCTTCTCGAAGCCATCCTGGACCTGGGGCTGAGGCACTCATGTCAGGCCGCA
TCTGCCACCGTGACTGTGAGGACGTGGCCAAGGCCGCCCTGCGGACCTGGGTGTGCTG
GTCGAGCTCCGAGAGCTGTGGACAGGCCAGAGGGCAACCTGGCGCCATGA
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Clone variation with respect to NM_033415.3

5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_033415 unedited
GGTCACATTTGTATACGACTCCTATAGGGCGGCCGGAATTCGCACGAGGCGACACCGT
GAGCGTCCCGAGGGGGCGGCAAGACGCCTCCGTGCGGCACGAGGTGGCCTCGTTGGCTT
TACCTTGGTTTCGCGGTGCTCCTTGTTATCGTGAGCGTCCGCGAGTCTCTGGGAGGCCAA
GCCTAGGGGGCCACAGCGCCTGCGCGCGTACGGCGGCCGGAAGGGGCTAGAGGCGGCTC
CCTGGGTGACAACCGCGCGCCCCACCTTTCCCCACGTGGCCGCGAAGACCGGCTCAGGAG
CATCTATCGGCTGCACGCCAACATCAACACAGGCGAAGATGGTCTCCAAGCGCATTGCCC
AGGAGACCTTTGATGCAGCTGTGCGCGAGAACATCGAGGAGTTTGGCATGGGGCCAGAGG
AGGCAGTGAAAGAGGCCGTGGAGCAGTTTGAATCGCAAGGGGTTGATCTGAGCAACATTG
TAAAGACGGCACCTAAAGTCTCTGCAGACGGATCCCAGGAGCCCACACATGACATCCTGC
AGATGCTCAGTGACCTCCAGGAGTCTGTGGCCAGCTCTCGCCCCAGGAGGTGTCAGCAT
ACCTCACCCGCTTCTGCGACCAAGTGCAACAGGACAAGGCCTGCCGCTTCTCGCGGCC
AGAAGGGGGCTACCCCATCATCTTCACTGCCTGGAAGCTGGCCACTGCAGGTGACCAGG
GCCTTCTGCTCCAGTCCCTCAATGCCCTGTNCGTGCTGACTGATGGACAGCCAGACCTTC
TGGATGCCAGGGCCTGCAGCTCCTAGTGGCCACGCTGACCCAGATGCTGATGAGGCTGA
CCTGACCTGCTCTGGGATCCGCTGTGTGCGTCACGCTTGCTGAAACAGNACAGAATCCG
CCAGACTTGTGAAGCA
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_033415 unedited <pre> AGCCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTGTTACCCAATGGATTTTAT TATCAGGTATCCTGGCTGGCCAGGACCCAGAGACAGACAAGCTGGGGCCAAGCAGGGCG GAGCATCTGAGACCCATTTACAGGTAAGAAAGACAAGGAGCAGAGGCCTGCATGAACT GCAGTAAGCAGCAGGCGCCAGGGGGCCCAACCCCACTGGAATCGCCTGCCCTGCCCTGAG CCTGGCCACAGTGGCTGCCACATTTAGACAGGGCAGTGAGTGATGGGACGTGCCCTTT GCCCCCTCTGGTAGGGCTGGGGCTGGGGGAAGGAGCAGGACAGTAACATCCGTGCTGCT GGCTGGGACCCAGAAGTGGCTGGGACATGGGGGCTGCTTTCTTCTGTGTAGAGGCCTCCC TACAAGGCTCCCCCTTCCCGACCCCTTACCTAGGGCCTGCCAGAAAACACTTCTCATT GTGAAGGGGACAGAACTAATGGGGGACAGTGGAGGACATGGATCTACCCCATTCCTGAG TCACACGACTACCCAGAGTCACGTCCCAGACTGGGCCTGGNGTCATGGCGCCAGGGTTG CCCTCTGCCCTGTTACAGCTCTCGGAGCTCGACATGACAAACCAGGCCCGCAGGGCGGG CTTTGCCCGCTTACAGTCAGGCCGGGCAGATCCGGCCCTGCATGATGAGTTGCTTAG CCCCCAGTTCAGGATGGCTTTGAGAAAGCCTGGCCGGGGCCACCAGGTCTTGATCAC CTGCAACCCGCTCTGTTGGCAGAACACTTGAACTGCCCGCGCTTTTGCNGTGCTT TATGGCTGCACGTTGCCACCCCGCCCTCACGATGATGCGCCGTTTGCGCTTTATGA CCGCAATATCCCGGTCCGTACTCTTCCACACCTGGTCTCGCTAAACGTTGTCTTCAAAC CCCGGGTATTTTCTCCCGTAATNCAATCTCATCCCCGCGCCGCG </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_033415
Insert Size:	2500 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).
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_033415.2, 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: 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]
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.