

Product datasheet for **SC306784**

ARMC3 (NM_173081) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARMC3 (NM_173081) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARMC3
Synonyms:	CT81; KU-CT-1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_173081 edited
 GAGGCACAACAAGGGACTGGGGTTCGTCTGCTGGGTTTGCAGCAGCTAGCTACTCGG
 CCGGATCTCCCGCAGGATGGGTAAAAAGATAAAGAAGGAAGTAGAGCCTCCTCCTAAGG
 ATGTGTTTGACCCATTAATGATTGAAAGCAAAAAAGCAGCAACTGTGGTGTAAATGCTTA
 ATTCTCCAGAAGAGGAAATTTGGCTAAAGCATGTGAAGCCATTTATAAATTTGCTTTAA
 AAGGTGAGGAAAAATAACAACCTCCTTGAACCTGGAGCTGTGGAACCTTTAACTAAGC
 TACTCACCCATGAAGACAAAATTTGAAGAAGAAATGCTACTATGATATTTGGAATCCTGG
 CTCTAATAATGATGTTAAAAAATTGTT: AAGGGAGTTAGATGTATGAATTCCTGCATT
 GCCCAGCTCGCTCCAGAAGAAGTAGTTATCCATGAGTTTGCTAGTCTTTGTCTAGCA
 AACATGTCTGCAGAGTACACCAGTAAAGTGCAAAATATTTGAACATGGGGATTAGAGCCA
 CTCATCAGACTACTGAGTAGCCCTGACCCGGATGTAAAGAAGAACTCTATGGAATGCATT
 TACAACCTGGTGCAGGATTTTCAGTGTGAGCTAAACTTCAAGAATAAATGCAATACCT
 CCTATCTTAGATCTCTTGAAGTCAGAATATCCAGTGATTCAGTTGTTGGCTCTCAAACC
 TTAGGTGTTATTGCAAAATGATAAGGAGTCTCGAACAAATGCTAAGAGACAATCAAGGATTG
 GACCATCTTATTAAGATCCTAGAACTAAGGAATTGAATGACCTTCATATAGAAGCACTT
 GCAGTGATAGCCAATTGCCTTGAAGACATGGATCTATGGTGCAGATTACAGCAGACAGGG
 GGTCTTAAAAAGCTCCTGTCAATTTGCAGAAAACCTACAATTCCTGATATTCAGAAGAAT
 GCAGCAAAAGCCATTACTAAAGCAGCTTATGATCCTGAAAATAGAAAACCTTTTTCATGAA
 CAAGAGGTTGAAAAGTGCCTTGTAGCCCTTTGGGTTCTGAAAATGATGGAACATAAAT
 GCTGCTTCCCAAGCTATTTACAGCAATGTGTGAGAATTCAGGCAGCAAAAGATTTTTCAAT
 AATCAGGGGATCCACAGTTAATTCAGTTGCTAAAAAGTGACAATGAAGAGGTACGGGAA
 GCAGCAGCTCTAGCCCTGGCAAACCTAACCACTGCAACCCTGCTAATGCAAACGCTGCT
 GCTGAAGCTGATGGTATTGATCCATTAATAAACCTCCTGTCTAGTAAACGAGATGGAGCC
 ATTGCCAACGCTGCTACAGTATTAACAAACATGGCCATGCAGGAGCCCTGCGCCTGAAC
 ATACAGAATCACGACATCATGCATGCCATCATCAGCCACTGCGTTCTGCAAACACAGTC
 GTGCAGAGCAAAGCTGCTCTCGCTGTCACCGCAACTGCGTGTGACGTTGAAGCCCGGACT
 GAGTTAAGAAATCTGGTGGATTGGAGCCCTGGTAGAGCTGCTACGCTCCAAGAATGAT
 GAAGTGAGGAAGCAGCCAGTTGGGCAGTGTGGTCTGTGCTGGTACGAGCTGACGGCC
 AATGAATTATGCAGGCTCGGGCTTTAGATATCCTTGAAGAAGTTAACGTATCAGGAACT
 CGGAAAAATAAATTCAGTGAGGCAGCTTATAATAAGTTGCTCAATAACAATCTTCCCTG
 AAATACAGCCAGACTGGCTATTTGTCATCAAGTAACATAATTAACGATGGATTCTATGAT
 TATGGTCGGATAAATCCCGGCACCAAACCTGTTGCCTTTGAAGGAGCTCTGCTTACAAGAA
 CCAAGTGACCTACGGGCTGACTCTTAATCAACAGTAAATCTTACGTTTCTCCACCTTCA
 TCTATGGAAGATAAATCAGATGTTGGTTATGGACAAAGTATTTCTTCTTCATCTTCTTA
 AGAAGATCAAGTAAAGAAAAGAACAAAAAAATAGTTATCATTTTGTGCTGGATTTGGA
 TCTCCATAGAAGACAAATCAGAGCCAGCTTCTGGACGAAATACTGTTCTCAGCAAAAAGC
 GCCACCAAGAAAAAGGATGGAGGAAAAGCAAAGGAAAAAAGAGAGGAAAAAGTGAAA
 GAGGAGGAAGAGGTTATGGTGGTACCAAAATTTGTTGGTGAAGGAAGCTCTGACAAAGAA
 TGGTGTCTCCCTGACCCCTGATTTCTCTATGTATGTGTATGAGGTGACCAAATCAATA
 CTGCCAATAACCAATATTAAGGAACAGATTGAGGATCTGGCAAAGTATGTAGCAGAAAAA
 ATGGGTGGTAAGATTCCAAAAGAGAAACTACCTGATTTACAGTGGAACTTACATAAGT
 GAACTGAAATTTCAACTTAAATCCAATGTTATACCGATTGGACATGTCAAAAAGGAATC
 TTCTACCATCGAGCTTTGCTTTTCAAGGCTCTGGCTGATAGAATTGGCATTGGTTGCTCC
 CTAGTTCGCGGAGAGTACGGTAGAGCGTGGAAATGAAGTCATGCTGCAGAATGACTCTCGG
 AAGGGAGTGATTGGGGCCCTCCCGCTCCTGAGATGTACGTGATTGACCTCATGTTCCAT
 CCAGGTGGACTGATGAAGTTGAGAAGTCGAGAGGCTGATCTTTACAGATTCATTTAAGCC
 ATCAGACGAACACAAGAGAGGCTCAAACAAGAAATTCAGTGTGTACACTCTTAAGACAT
 TCTCCAAATTGATTTTATCTCTTAAATAAAAACTTTAAATAAGAAAAAATAAAAAA
 AAAAAAAAAA

Restriction Sites: Please inquire

ACCN:	NM_173081
Insert Size:	2800 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:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_173081.1.
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_173081.1, NP_775104.1</u>
RefSeq Size:	2831 bp
RefSeq ORF:	2619 bp
Locus ID:	219681
UniProt ID:	<u>Q5W041</u>
Cytogenetics:	10p12.2
Gene Summary:	<p>Armadillo/beta-catenin (CTNNB1; MIM 116806)-like (ARM) domains are imperfect 45-amino acid repeats involved in protein-protein interactions. ARM domain-containing proteins, such as ARMC3, function in signal transduction, development, cell adhesion and mobility, and tumor initiation and metastasis (Li et al., 2006 [PubMed 16915934]).[supplied by OMIM, Mar 2008]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>