

Product datasheet for SC123015

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
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_032131 edited

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AGTGGCCGAGCGCGTCGTGGGGTTACCCCGCCCGCGCCAGCGCTGCATCCCTGGCCGCT
ACCCGGGGAGAGCCGGAGGATGAATTGAACCTCGCAGCCGCTGCTATCTCCAGTGCTCAT
CACAGGGTGTGGTGTCTATCTGAAGAATATTTTACTTTCAAAGGAAAGATGCTGTCTCCA
AATGATAAAATGTTAGGAAAACCTGGATCCATTTTATCAACCTTCAGTGTCCAAGCAGAAG
ACCAAGTGCAGAAATCATAAGTGAAGCAAGAAATGCATTAGAAGACAGTTAGAACCAGAAAG
CCATTTACACCACAGGAGGCTCAAAGAAAACCTATTCGACCTGCATCCTCAAGAACATCA
GAAAATAGACCTCCTTCCTCCTCAGCCTCCATGCATCCAGTTTTGAGTCATCTGATTCC
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CCCACCAGAGAGGAGGATTCTGCTTTTCTTTCTAAGCCCCAGTGGACCCTGCGAAG
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AGAAGTAAGTTCCTAAACATCAGTGCCCTTCCCCAGCTCTGCACGGCAATGGAACAGTAC
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TTACAACATAGGATCTGTAATAATTCTTACTATGTCAAATAATAAATGCTCTCATTAGGA
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**5' Read Nucleotide
Sequence:**

>OriGene 5' read for NM_032131 unedited
ACATGATTGTAAACGACTTCTATAGGCGGCCGCATAAATTCGTATAGCATACATT
ATACGAAATTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTGAGAGCGGAGTGGC
CGAGCGGCGTCTGGGGTTACCCCGCCCGCCAGCGCTGCATCCCTGGCCGCTACCCGG
GGAGAGCCGGAGGATGAATTGAACCTCGCAGCCGCTGCTATCTCCAGTGTCTATCACAGG
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GACAGATCCCTTNCTNCTCCGACTCANAGAAGACAGTGAATCCAAAGAAACAGTTATG
ATGGGGGACTCTATGGTGAAAAAATGGGATTTATTTAACANAATCAATGCTATTTGCC
ACTTAAAGAGTCACCACTTCAGCTAACTGATGATGGNAGCTTCAGTGAANTAAGGAGC
AGAATGTTCAAAGGACAACATCTTACATCTCATCTCAAGATGGAGGGGACCG

Restriction Sites:

Please inquire

ACCN:

NM_032131

Insert Size:

3282 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_032131.3</u> , <u>NP_115507.3</u>
RefSeq Size:	3277 bp
RefSeq ORF:	2583 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).