

Product datasheet for **RN209463**

Armc9 (NM_001109663) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Armc9 (NM_001109663) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Armc9
Synonyms:	RGD1305615
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209463 representing NM_001109663
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGATGTCTGGCTCACGAGTCTGAATTACTTGGACTAGTGAAAGAGTATTTAGATTTTGCTGAAT
 TTGAAGACACCTTGAAGACATTTTCAAAGAATGCAAAGTAAAAGGAAAGCCACTATGTAAACTGTCGG
 TGGGTCACTAAAGAAGGACTCCAACCTACTGATGATCCAGAAGGATTTGGTGGCGGCTTTGACAGTGG
 GACCAGAAGTTGTTCTTCGATTTGTGGGAGGGACACATTTCCAGCTCCATCAGAGACACCGACTCCCTGG
 CTCAGAAGCTGGAGTTCTACCTTACATCCACTTCGCCATCTACCTGCTCAAGTACTCCGGGGCAGGCC
 GGACAGACAGGAGCTAGATGAAAGGATTTCTTATTTCAAACCTACCTGGAGACAAAAGGGGCTCCCTG
 AGCCAGACTACGGAGTTTCTCCCTTCTATGCCCTCCCCTTCGTGCCAATCCTATGGTCCACCCTCAT
 TTAAGAGCTCTTCCAGGATTTGGACTCCAGAATTAAGCTGAAGCTGGAAAAGTTTTAGCTTTAAT
 TTTTAAAGCCAGTAACACTCAAAGCTTTTAAACATCTATAAGGAGAATGGATCGAATAACAAAGAAATG
 CTGCAGCAGCTCCACCAGCAGCTGCTGGAGGCCGAGCGCCGGCCATGGCTACCTGAAGCGCTACAATA
 AGATGCAAGCCGACTACCACAGCCTCATCGGGTCCACAGCCGAGCTGGTGGATTCTCGAGGCCACGGT
 CAGCGGCAAGATGATCACGCCGAGTACCTGCAGAGCGTCTGCGTCCGCCTTTCAGTAACCAGATGCGC
 CAGAGCCTGGCACACAGTGTGGACTTCAAGGCTGGGACGGCTCAACCATGTTACGAGCATCCTTGG
 CACCTGAGAAGTTGAAGGATGTCCATTACTGCCCTCCCTGGATTATGAGAAGCTGAAGAAGGATTTGAT
 TTGGGGAGTGACCGCTTAAAGCCTTCTTGTGTCAGGCTCTGCGCTGGCGCTTGACCACATCCCATCCC
 GGAGAGCAGAGGGAGACAGTCTGCAAGCCTACATCAGCAATGACCTCTTGATTGTACAGCCACAACC
 AGAGGAGTGTGTTGCAACTCTGCACTCAAGAGCGAGGCTGTGCGGCAGTACATGGCCAGGCTCGTCAA
 CGCCCTGGCATCCCTGGCTGAAGGTGCGCTCTACTGGCCAGAACACAAGGTGCTACGGATGCTGGAG
 GGAAGGCTGAAGGAGGAAGACAAGGATGTCATCACGCGTGAGAATGTCCTCGGGCCTTGCAAGAAGTTCA
 GCCTCAGGCGGCTCTGCAGACGGCATGATTCGAGATGGCCTCATCTTCTGGCTGATTGACCTACTGAA
 AGAGCCCGACTGCCTGTCCGACTACACACTGGAGTACTCTGTGGCTTTGCTCATGAATCTCTGTCTCCGA
 AGTGCAGGAAAGAACATGTGTGCTAAGGTGGCAGGACTCATGCTGAAAGTTCTTTCGGATCTCCTTGCC
 ATGAAAACCATGAGATCCAGCCATATGTGAATGGAGCCCTGTACAGCATCCTGTCTATCCCGTCCATTCC
 TGAGGAGGCCAGAGCCATGGGAATGGAGGACATTTCTCGATGCTTCATCAAAGAAGGCAATGCCGAAATG
 ATCCGCCAGATAGAGTTTATCATCAAGCAGCTGAATTCGAAGATTTACTGGATGGTGTCTTGAATCCG
 ATGATGACGAGGATGAAGATGATGAAGAGGATCATGACATCATGGAGGCTGACTTGGACAAGATGAACT
 GATCCAGCCCCAGCTTGAGAACTCTCAGGCGAGAAGCTTCTAACCACAGAGTACTTGGGAATCATGACC
 AACACTGGGAAGGCACGGAGGAAAGGGCTGGCCAGTGTGCAAGTGGAGTGGGGATGAGCCCTTCGTCCGC
 CAGTCAACCCTGGTGGCCACAGGACAGGGTGGCCAGTGGTAGGAGACCATCTCATTTCTCCAGAAATGC
 CCAACAAGCCAGAAATGGTTGCCCGAGGCCATACCAGTCGCTCAGCCAGATGACTACAAAGAGGGCAA
 CGAGGTGTTGCTGGGCGTCCACGCCCTCGTCATTTATGGACCACAAGCCAAGAGAGTGGCTACCAGCTG
 GACACCAGGAGTCTCGCTTGTATCCACAGCAGCCCTCAGTTGGCCAAGAGAGGTGATCCAGGACCCAAG
 CAGTGGACACACCACCAGGGAATTCACACCAGCCTTCACTACAAGGCCAGATACCCAGTACTCCAGAG
 ACCGTGGAGCAGAATCCACTCAAGGCAAAGCATTGTCTCTGGCCCTCAGTTCTCCTCAAGTGGCCCCC
 AGCAGGCCAGACGCCGCTTCCCCAGCATCTTCCACGAGGCCCTGCACAGCAGCCAGTCCGTCAGGAAA
 TGAAGATGGTTCCTTCCCAAGCTA**TAG**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_001109663
Insert Size: 2478 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:	<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_001109663.1</u> , <u>NP_001103133.1</u>
RefSeq Size:	4941 bp
RefSeq ORF:	2478 bp
Locus ID:	301579
Cytogenetics:	9q35