

Product datasheet for **RN217277**

Armc3 (NM_001287020) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Armc3 (NM_001287020) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Armc3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217277 representing NM_001287020
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGTAAAAAATAAGAAGGAAGTTGAACCTCCCCGAAGGATGTGTTTGACCCACTCACAATTGAAA
 GCAAAAAGGCGGCCACTGTGGTCTGATGCTCAAATCTCCGAGGAAGACATCTTAGCCAAAGCCTGTGA
 GGCCATCTATAAGTTTGCTTTGAAAGGTGAGGAGAATAAAGCAACTCTCCTTGAACCTGGAGCTGTGGAA
 CCTTTGACCAAAGTCTCACCACGAAGACAAAATTGTAAGAAGAAACGCCATGATGATCTTTGGTATTC
 TGGCTTCTAACAGTGATGTTAAAAAGCTACTGAGAGAGTTAGAAGTTATGAGTCTGTGATTGCTCAGCT
 CTCCCCAGAAGAGGAAGTGGTCATCCATGAGTTTGTAGTCTTTGTCTCGCAACATGTCCTGGAGTAC
 ACGGGGAAAGTACAGATTTTGAACGACGGCGACTGGAGCCACTATCAGACTGCTGAGCAGCCAGACC
 CGGATGTGAAGAAGAATTCTATCGAATGCATCTACAACCTGGTACAGGATTTTCAGTGTCCGACTACACT
 TCAAGAGCTAAATGCCATCCCTCCGATATTAGAGCTGTTGAAGTCAGAGTACCCCAATTATCCAGCTGCTG
 GCTCTCAAACCCCTGGGTGTCATCACGTGTGATAAGGAGGCTCGGACGACTGAAGGACAATCAAGGGC
 TGGACCACCTCACTAAGATCCTGGAGACCAAGGAAGTGAACGACCTGCATGTAGAAGCACTCGCAGTGAT
 AGCCAACTGTCTGGAGGATATGGACACAATGGTGTGATGCAGCAGTCAGGGAGCCTCAAAAAGTCCCTG
 TCCTTCGAGAGAACTCCACAATTCCTGACATCCAGAAGAACGCGGCCAAAGCTATCACCAGGCAGCTT
 ATGACCTGAAAAAGAAAAGTTTTTACGAACAAGAGGTTGAAAAATGCCTGGTACCCCTCTGGGATC
 TGACAGTGATGGGACCAAGATTGCGGCTTCCCAAGCTATTTACCCATGTGTGAGAACTTGAGCTGTAAA
 GAATTTTTCAACCCCAAGGGATTCCACAGATAGTTTCAAGTGTCTAAAAGTGACAATGAGGAGGTGAGGG
 AAGCCGCTGCACCTGGCCCTGGCAACCTGACTACCAGCAGCCCGCAAAATGCCAATGCTGCTCAGAAG
 AGATGCCATTGACCCGCTGATAAACATCCTGTGAGCAAGCGGGATGGAGCCGTTGCCAATGCTGCCACG
 GTGCTGACCAACATGGCCATACAGGAGCCTCTGCGAGCTATCATCCAGAACCACGAAATAATGCGCGCAC
 TGCTGGGCCCGCTGCACTCCACCAACACTGTGGTGCAGAGCACCGCGGCGCTCACTGTGGCTGCCACTGC
 CTGCGAGCTGGAGTCCCAGCAAGGTTGAAGAAGTGGCGGCGCTGGAGCCCTGATTGAGCTCCTGCAC
 TCCAAGAACGACGAGGTCCGAAGGCACGCCAGCTGGGCTATAATGGTCTGTGCCGGTGCAGAGCTGATGG
 CCGTTGAGCTATGCAGGCTCGGGCCCTAGATATCCTTGAAGAAATTAATCGATCATTAGTCGGAAAAA
 TAAATTTAGCGAGGCAGCCTATAACAAATTAACAACAACATCTTTCTGAAAATAGCCAGACTGGC
 TACTTGTGATCAAGCAACATAATTAGCGATGGATTCTATGATTACGGTCGGATAAATCCTGGCACAAGC
 TTTTGCCACTGAAGGAAGTGTGCTTACAGGAGCTGAATGATCAACGTGCTATTCTCCTAGTCAACAATAA
 ATCTGATATCTCCACCTCCGTCTATGGAGGATAAATCGTCGGACGTTGGCTATGGACGAAGCATTCTT
 TCTTATCTTCTTAAGAAGGGCAAGCAAGGAGAAGGCCAATGCTGGATTTGGATCTCCACAGAAGAAA
 AATCAGAGCCGGCATCAGGACGAAACACGGTCTTAGTAGAGGTGCCACCAAGAGAAAGGGGCAAGGAA
 AGGGAAAGGGAAAAAAGAAGAGGAGAAAGTGAAGAGGAAGAAGAGGTCCTGGCAGTGCCCAAGCTCACG
 GAAAGCCCTGAGAAAGAGTGGTACCCTCCTCCTGACCTGAGTTCTGTTGTATGTCCTGGAGGTGATCA
 AGACAATACTGCCTATCGTCAACATTAAGGAACAGATTGAGGTTCTTGCCAAGTTTGTGGCAGATAAAAT
 GGGCGGTAAGATTGCAAAAGAGAAGCTAGCTGATTTTCAAGTGGAACTTACATAAAGTGAATTTGAAATTT
 CAACTGAAATCCAATGTCATACCAATTGGATACATCAAGAAGGGGATCTTTTATACCCGAGCACTGCTTT
 TCAAGGCACTGGCTGATAAAATCGGGTTGGCTGCAGCCTGGTGCCTGGTGGTGGTACAGCCAGGGTGGAA
 CGAGGTGAAGCTGGTGAACGAGGCTCGGAAGGGCATTATCGGAACTTCCCCACCAGACGAGTACATC
 GTGGACCTCATGTTCCACCCGGGACCCTGCTGAAGCTACGCAGCAAAGAGGCCGACCTCTACCGCTTTC
 TG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001287020
Insert Size: 2595 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:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001287020.1, NP_001273949.1</u>
RefSeq Size:	2755 bp
RefSeq ORF:	2595 bp
Locus ID:	100361506
Cytogenetics:	17q12.3