

## Product datasheet for **RN217090**

### **Armc8 (NM\_001173354) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Armc8 (NM_001173354) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Armc8
Synonyms:	RGD1310477
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN217090 representing NM\_001173354  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCGTGCCTGTTGGAGACCCCAATCCGCATGAGCGTCTCTCGGAGGTAACAGCTAGCAGTCCGCACT  
 ATGTTGACAGGCTATTTGACCCTGATCCCCAGAAAGTTCTCCAAGGTGTCATAGACATGAAAAATGCTGT  
 AATTGGAAAACAATAAACAGAAAGCAAACCTCATCGTTCTAGGAGCTGTCCCGAGATTGTTGTATTTGCTC  
 CAACAAGAAGCCTCAAGCACAGAGCTGAAAAGTGTGAGTGTGAGTGGTGTAGGGAGCCTTGCAGTGGGCA  
 CAGAAAACAATGTCAAGTCTCTGCTAGACTGCCATATCATCCCTGCCTTACTACAAGGACTACTGTCCCC  
 AGACCTGAAGTTCATTGAAGCTTGCCCTCCGATGCCTACGGACAATCTTACCAGTCTGTACTCCAGAG  
 GAACTATTGTATACAGACGCCACAGTGATACCACACCTCATGGCGCTGCTGAGTAGGTCCCGCTACACCC  
 AGGAGTATATCTGCCAGATCTTCTCACACTGTTGCAAAGGACCAGATCATCAAACAATTTTGTAAACCA  
 TGGGGCAGTGCAGAACATTGCTCATCTGCTGACCTCACCTCTTACAAAGTTCGAATGCAAGCTCTGAAA  
 TGCTTCTCAGTGTAGCCTTTGAGAATCCCCAGGTATCGATGACCTGGTAAACGTTTTGGTTGATGGGG  
 AATTGTTACCACAGATATTTGTGAAGATGTTACAGAGGGATAAGCCTATTGAGATGCAGCTCACATCAGC  
 AAAATGTTAACTTACATGTGCAGAGCGGGAGCAATCCGGACAGATGACAGCTGTATTGTATAAAACT  
 TTGCCCTTGTGGTTTCAATGTGCGAGTAAGGAGAGATTACTAGAGGAGAGAGTTGAAGGAGCTGAGACCC  
 TCGCCTATCTGATTGAGCCAGACGTTGAGCTGCAGAGAATCGCTAGCATAACCGATCACCTCATTGCCAT  
 GCTGGCTGACTATTTCAAGTACCCAGCTCAGTGAAGTCCATCACTGATATTTAAAGGCTTGATCACGAC  
 TTAACAATGCCATGAAGTCCGCCAGGCTGCATTCAAGCTCTATGCCTCTCTCGGAGCAAATGATGAAG  
 ACATCCGGAAGAAGATCATTGAGACTGAAAATATGATGGACCGAATTTGACTGGCTTGTCTGAGTCTAG  
 TGCAAGGTGCGGTTAGCTGCTGTGAGATGTTTGCACAGTTTATCCAGATCTGTACAGCAGCTTCGAACC  
 AGTTTCCAGGATCATGCGGTGTGAAAACCTTTGATGAAGTTTTACAAAACGCACCTGATGAAATCCTAG  
 TAGTAGCGTCTTCCATGTTATGTAACCTTCTTCTGAATTTTCTCCAAGTAAAGAGCCAATTTTGAATC  
 AGGAGCTGTTGAGCTGCTCTGTGGGTTGACACAGAGTAAAAACCCGCTCTGCGAGTGAACGGGATTTGG  
 GCTTTAATGAATATGGCATTTCAGGCAGAACAAAAATAAAAGCAGATATTTACGAAGTTTGAAGTACTG  
 AACAGCTATTCGGTTATTATCAGATTCTGATATGAATGTGTTGATGAAGACATTGGGACTTCTTAGAAA  
 TCTCCTCTACTCGGCCTCACATAGATAAAAATAATGAGTACTCACGGAAAGCAGATTATGCAGGCTGTC  
 ACCCTGATTCTGGAAGGGGAGCATAGCATGGAAGTCAAAGAGCAGACACTGTGCATCCTAGCCAACATTG  
 CAGATGGGACAACAGCAAAGAGCTTATTATGACCAATGATGACATCCTGCAGAAAATCAAATACTATAT  
 GGGTCATTTCGCATGTCAAAGTGCAGCTTCCCGCCATGTTTTGTATATCAAACCTCATATGGAATGAAGAG  
 GAAGGTTACAGGAACGCCAGGATAAAATACGAGACATGGGGATTGTAGATATTTTACACAAACTGAGTC  
 AGTCGACAGACTCCAACCTCTGTGACAAGGCGAAGACGGCGCTGCAGCAGTACCTGGCG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001173354

**Insert Size:** 2022 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.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001173354.2, NP_001166825.1</u>
<b>RefSeq Size:</b>	4447 bp
<b>RefSeq ORF:</b>	2022 bp
<b>Locus ID:</b>	315949
<b>Cytogenetics:</b>	8q31