

## Product datasheet for **RR209983**

### Armc10 (NM\_001106576) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Armc10 (NM\_001106576) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Armc10  
**Synonyms:** 2810037c14rik; RGD1305915  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR209983 representing NM\_001106576  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGGCGGCGCGGGGACGTGGGCTGGGTGGCAGCCGGGCTAGTCCTGGGCGCTGGCGCCTGCTACTGTA  
TCTACCGGCTGACTCGGGACCGCGCGAGGCGGGCGCCGACTGCGCCCTTCGCGGTCCGCAGAAGACCT  
AACGGAGGGCTCCTACGATGCTATCTTAAAGTGGGAGCAGCTTGAGAACTTCTGTACCTGCTGGAGTCA  
ACCGACGACCCATAATTACTGAGAAAGCCCTGGTCACCTTGGGAAATAATGCAGCCTTTCCACTAACC  
AAGCCATCATTCTGTGAGTTGGGTGGTATACCAATTGTCGGAAGCAAAATCAACTCCCTGAACCAAAGTAT  
TAAAGAGAAAGCTTTAAATGCATTAATAACCTGAGTGTGAACGTTGAAAATCAAATAAGATAAAGATA  
TACGTCGGTCAAGTCTGTGAGGACGTCTTTGCTGATCCCCTGAACTCTGCGGTGCAGCTGGCTGCACTGA  
GGCTGCTGACAAACATGACGGTCACCAATGACTACCAGCACCTGCTCAGCAACTACATCACCGGCCCTGCT  
CCACCTGCTACTTATCGGAAACGGAAGCACCAAGGTTCAAGTTTTGAAGCTGCTTTTGAATTTGTCTGAG  
AATCCAGCCATGACAGAAGGACTACTGAGTGCCCAAGTGGACTTTCATTCCCTTCCCTGTACGATGGCC  
AAATGGCAAACGAGATTCTTCTCGGGCTTTACGCTGTTTCAGAAATATAAACAACCTGCAGATGGA  
AGGCCGGTTAGCTAATCAGCTTCTTTTGGCTAAAGGGTCAATTGTTTTTCTGTTGTATGGAGAAGAGTGT  
GCCCAGAAAATGAAGCATTAGCTTGTACCCTGATGTGGATGTGAAAGAGAAGGCTTTAGCAATAAAGC  
CGAAATTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

**Protein Sequence:** >RR209983 representing NM\_001106576  
 Red=Cloning site Green=Tags(s)

MGGARDVGWVAAGLVLAGACYCIYRLTRGPRRGGRRLRPSRSAEDLTEGSYDAILSAEQLEKLLYLLES  
 TDDPIITEKALVTLGNNAAFSTNQAIIRELGGIPIVGSKINSLNQSIEKALNALNLSVNVENQTKIKI  
 YVRQVCEDVFDPLNSAVQLAALRLLTNMTVTNDYQHLLSNYITGLLHLLIGNGSTKVQVLKLLNLSE  
 NPAMTEGLLSAQVDSSFLSLYDGMANEILLRALTLFQININCLRVEGRLANQLPFAKGSLLFFLLYGEEC  
 AQKMKALACHPDVDVKEKALAIKPKF

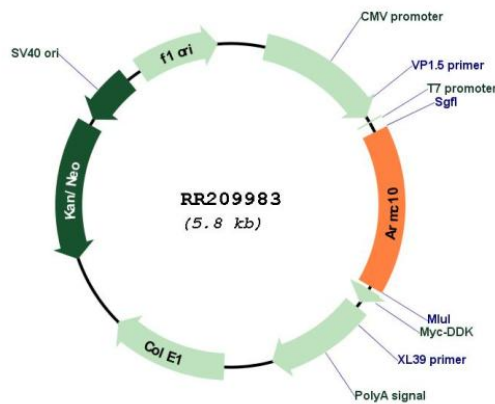
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** Sgfl-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001106576

**ORF Size:** 918 bp

<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_001106576.2</a> , <a href="#">NP_001100046.2</a>
<b>RefSeq Size:</b>	1944 bp
<b>RefSeq ORF:</b>	921 bp
<b>Locus ID:</b>	296758
<b>UniProt ID:</b>	<a href="#">B1WBW4</a>
<b>Cytogenetics:</b>	4q11
<b>MW:</b>	33.4 kDa
<b>Gene Summary:</b>	May play a role in cell survival and cell growth. May suppress the transcriptional activity of p53/TP53 (By similarity).[UniProtKB/Swiss-Prot Function]