

## Product datasheet for **RR205776**

### Armc6 (NM\_001107306) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Armc6 (NM_001107306) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Armc6
Synonyms:	RGD1306691
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR205776 representing NM_001107306 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGCTTCCAAGCGCATACCCAGGAAACCTTTGATGCTGCAGTGAGGGAGAACATTGAGGAGTTTGAGA  
TGGGCGCTGAGGAGGCCATTCGAGAGGCTGTGGAGCAGTTGAATCGCAAGGGTTGATCTGAGCAACAT  
TGTGAAGACAGTACCGAAAGTATCCTTGGATGGCCTCCAGGAGCCACACATGATGTCCTACAGGCTCTC  
AATGATCTGCAGCAGGCCCTGACTGGCTCTCAGCTCCAGGAGGTGTCTGCCATCTTGCCGTTTCTGTG  
ACCAAGTGAAGCAGCAGAAAGCCAGCCGCTACCTGGCAGCCAGAAAGGGGCTACCCAATCCTCCTGGC  
TGCTTGGCAGCTGGCTGCCACTAGCGACCAGGGTCTTCTGCTCCAGGCTCTCAATGCCCTGGCAGTGCTG  
ACTGATGGCCAACTGACCTCCTGGATACTCAGGGCTTGCATCTTCTCGTGGCCACGCTGGCACGGAATG  
CTGCCAACTGAACTCACATGCTGTGGGATTCGCTGTGTGCCCATGTCTGCCTAAAGCATGAACAGAA  
TCGGCAGGGCTTGGTAAAGCCGGTGTGCTGCCCTGCTCAGGGCTGCTATTACACAGCATGGTCAACAC  
GCCGATGTGGTCAGGGAGGCTGCTGGCCTTGCAGGTCATGACCTTCGATGATGATATCAGAGTGCCCT  
TTGGCCATGCCACGAGCATGCCAAGATGATTGTTTCAGGAGAACAGAGGCTGAAGGTGCTCATTGAGGC  
TGCCAGAGGTAGGAGCAGCACTGTAAGAGGAGGTTAGGCCTGCTTCTCAGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR205776 representing NM\_001107306  
Red=Cloning site Green=Tags(s)

MASKRITQETFDAAVRENIIEEFEMGAEAAIREAVEQFESQGVLDLSNIVKTVPKVSLDGLQEPHTDVLQAL  
 NDLLQAL TGSQ LQEVS AHL VRFCDQCKQKASRYLAAQK GAYP ILLAAWQLAATS DQGLLLQALNALAVL  
 TDGQPDLLDTQGLHLLVATLARNAANTELTCGGIRCVRHVCLKHEQNRQGLVKAGVLP LLTAAITQHGQH  
 ADVVREACWALRVMTFDDDIRVPPFGHAHEHAKMIVQENRGLKVLIEAARGRSSTGKRVRVGLLLS

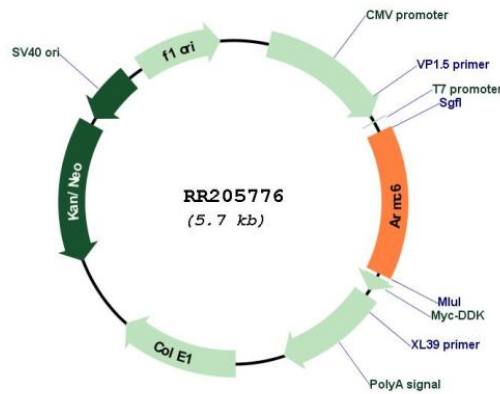
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001107306  
**ORF Size:** 822 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>	<u>NM_001107306.1, NP_001100776.1</u>
<b>RefSeq Size:</b>	1438 bp
<b>RefSeq ORF:</b>	825 bp
<b>Locus ID:</b>	306352
<b>Cytogenetics:</b>	16p14
<b>MW:</b>	30 kDa