

## Product datasheet for RN211320

### Armcx6 (NM\_001007757) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Armcx6 (NM\_001007757) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Armcx6  
 Synonyms: MGC93796  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN211320 representing NM\_001007757  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGGTCGGGCCCGGAAATGGGGTGGATGGCAGCTGGACTAATGATTGGGGCTGGCGCCTGTTACTGCA  
 TGTACAACTGACCATGGGAAGAGATGAGGGGAACGAGTTGGAGAATGAGGAGGAAGATGAATGGGACGA  
 TGAGCAGGATCTGGATGAAGAGGAGGCAGACATATGGTTTGATTCACAGCAATGGCTCGACCCTGGAGT  
 GAGGATGGGGAATGGGATGAGCCCGGGGCCAGGTGGGACAGAGGACAGACGGTCAGGTGGTGGAAAGG  
 CAAACAGAGCCCACCAACCAAGCAGCGGCCATCCCTTATGAACATAAAAAACATATGGGGTGTACAAAG  
 CTTTCAGACCTTCCCTTGTGCTCTTAACCTGACCAAGTGTGCTTTCAGTCAAGGAAAGAAAATGTTACAG  
 GAGTCCACAATTGCTGGCTTTCCCTTACCCACAATGTCAGTAGGCATTTGTCCAGCCTGTCAGTGGTTG  
 GAAGCAGGAGTCCCACCCAGCCACTGTGAGGGAGAAGGCTCTGGATGTCCCTGAACACCCAAACAG  
 CAGCATTGAAAATCAGGACCAGATTAAGATGTACATCGATGAAGTGTGTAGAGACGCGGTGTTCTGTTGC  
 TGCAAGTCTTTCTGCAGCAGGCAGGATTAGGTCTGCTAATAAGCATGACAGTCATTAATAACATGCTTG  
 CCAAGTCCCTTTCAGACCCGAAGTCCCTTTGCTATCCGAGGGGAGTGGATGTGCAAAGGTTTCAGGTCT  
 GGAAGCAGAGATGAGTTTGCCTGAAAAGCCAGTCTGGCGGAGGAAGTACTGGCTGCCCAAATGCTCTTC  
 TCATTCATGTGCCTCTTACCAGAAGTGGGAGCAGAGAGATGCTTGTGGAAGCCATCTCCCT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_001007757  
 Insert Size: 906 bp



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|-------------------------------|---|
| <b>OTI Disclaimer:</b>        | 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).  |
| <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><a href="#">NM_001007757.1</a></u> , <u><a href="#">NP_001007758.1</a></u>   |
| <b>RefSeq Size:</b>           | 1955 bp   |
| <b>RefSeq ORF:</b>            | 906 bp  |
| <b>Locus ID:</b>              | 363496  |
| <b>UniProt ID:</b>            | <u><a href="#">Q66HF0</a></u>   |
| <b>Cytogenetics:</b>          | Xq32  |
| <b>Gene Summary:</b>          | May regulate the dynamics and distribution of mitochondria in neural cells.[UniProtKB/Swiss-Prot Function]  |