

## Product datasheet for **MC206400**

### Armcx2 (BC054839) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Armcx2 (BC054839) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Armcx2
Synonyms:	3230401N03Rik; AI043003; ALEX2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >BC054839  
TCTTTCTTTTAGACACCTTTGTCCTGGAGTGCCTTTTTGGTGCAGGGAAGGGCCGTGTGGAAGTGTCT  
TTATCCGTCTACCTTGAGGCTCTGCAACTGCGAGCACAGTGGAAATTGTTCTGTATCCCAGGAAGCTGGT  
CCAGCTCAGCTTGCGACCTCCGAAGAACCTTTCAGACCCGAGCTTGAGATCCTCGATTGGACTGGTGTATA  
CATTTTCGTTAAGCAAGCCAGTTCACAACCTGGATCAGAGACTCACTCCAGGTGATACCATGAGCCGAGC  
TCGGATGCTGGCTGTAGCTGCTGGAATAGTGATTGGGGCAGTGCCTGGTACTGTGTCTACAATAT  
ACTAGGGGAAAAGACCAGAAGAAGAAGAGGCTGACCAAGCCCAAGAACCAGGCTCTGTGGTACTGGAA  
GCAGGGCTAGAGCGGGCTCAGAGCTGGATTACAATTGACCTTGGGCCAGGATTCAGTCCCCCAACCC  
CGTCGATATTGAGATAATGAACAAGGCCAAGGAGAAGCCTCCAATCTTGCCACCACCGTAGCTGAAGAA  
GTGGCACCAGCTGCACCCAGTCTAAGGTTGAGAAATGGGGCAGAAAGTAAGGTCCAGGAGTTAAATGGGG  
CTAAAAGTGAAGGCTAATCTGGAATCAGTAGTGCCTTCAGCTACCTGTACAGTTACACCTCCTCCCAA  
GGTGGCAGGGGTCTCACTGCTGCAGAGGCTCCAGAAATCATAGGAGCTCCCAAAGTGTGGAAGCTCCC  
AGCACCACAGAGGCTTCTGGGCAGTAGCAGCCCTGGACCAACAGTATCTCCAATGATAGCCAGACTC  
CTGGGCCAGTGGTACCTTCGCCAACAAATAGTGTCTACTGGGCCAGCAGCAATTCCTGGGCAGTGGCACA  
TCCCGGGGCTGTCCAGTCTCCTGGGCCAGCAGTACCTCCCATGGCAGTCCAATCTCTGTGCCAGCAGCA  
CCTTCTGGGCAGTAGTAGCACCTCCTGGGCCAGTCTACATTCTGTGGCAGCCACTTTGCTGGGCCAG  
CAGCAGCTTCCAGGGTAACCCAGTCTCCTGGGACGGTGATACCTCCCCTTCCACCCCATCATCAGTACT  
TCCCAGGGGAGTCCCATCAGTACCTGGCAGAACAGTCCAGTCTCCTGGGGCAGCCGTGCATCCTGTGGCA  
GCCCAATCTACTGGGGTAGTAGTGCCTCCTAGGGCAGTACAGTATTCTGGGGCAGCAGTACTTCTGGAG  
GGGCAGCAGTACCTTCGGAGGGGCAGCAACTCCTAGGGCAGCAGCATCTACCCAGAGGACAGCAAGCAC  
AGAAGTCATGCAGTCCCTAGGGTGGCAGCAGTACTGAAGCCACAGAGACTCCTAGAATAGGAACACCT  
GCCATGGTAGCTGAGGCTTCTCTGCCGTGCATCTGGGGCTGCAGAGAATCCTGGGACTCAGGGTCTCT  
CTAAGCAGCAGCCACTGGCAAGAAAGAGCCCTGGAGCTCACACTGGGGCTATACCTAAAGCTGGGTC  
AGCCACTGGAGCTGTACCAAGGTGGAGGAGGCAAGGGTGAAAACAAGAACCAGGAGTGGAGGCAAGGGC  
AAAAATAGGAAGAACAAGGTTGATGTGGATGAGTTGGGGATGGGTTTCCGTCCTGGTGTGGGGCTGCAG  
CTGCGGGCGGCTTCTGCTAATGGGGGCAGGCCTTCTAGCAGAGATTCCGGAATCTGAGGAAGGGGA  
ATCTGGGTGGACTGACACAGAGTCCGATTCTGACTCTGAGCCGGACGTCCCGCAGAGAGGGGAAGGGGAAG  
AGAACCATTCCCATGCATAAGCGCCCTTCCATATGAAATTGATGAGATCCTAGGTGTTGAGATCTCA  
GGAAAGTCTAGCCTTGCTTCAAGAGTCAAGTATCCCTTCAATCAGCAAGTAGCCCTGCTCACCTGAG  
CAACAATGCCAATTATTCATGTAATCAAGAAACAATCCGAAAGTGGGAGGCCTCCCAATTATTGCAAAC  
ATGATCAACAAAAGTACCCCCACATTAAGGAAAAAGCCTTAATGGCCATGAATAACCTGAGTGAATAAT  
ATGAAAACAGGGCAGACTTCAGGTGTACATGAATAAAGTGTGGATGATATTATGGCTTAAACCTGAA  
CTCAGCGGTACAGGTAGTTGGGCTAAAAATTTTAAACAACATGACTATTACTAATGACTACCAGCACCTG  
CTTGTCATTTCCATTGCCAATTTTTCCGCTTGTATCTCAGGGGGTGGAAAAATCAAGTTGAGATTC  
TGAAAAACTTTTCAAACCTTGTGAAAAATCCGGACATGCTAAAGAAACTTCTCGGTACCCAGGTGCCGTC  
ATCATTAGTTCCCTTTAATTTCTTATGTGGAATCAGAAATCTTATTAATGCCCTTACTCTATTTGAG  
ATTATCTTCGACAACCTCAGAGCAGAAGTGTCAACTACAGGGAATCAACAAGGGTCCCTGTTTTACT  
TATGCACTACATCTGGGGTGTGTGGAAGAAATTCGAGCCTTAGCAAATCACCAGACCTCTTGGTGAA  
AGTGAAAGTTATAAAGCTGGTAAACAAATCTGATTGATCTGTGCCCTCAAGATGTGTGATCTCTCGTT  
TTACACTCGGGAAGCATTAAACAGTGAGACACTATTGTTTTCTACTTGTGTGTAGTACAGGAATTATT  
CAGATGCCACGTTTGAATAATTCAGAGTGTATCTGTGATAGTACCAGCTTTAAGCTGAACCATTT  
TCTGAATACCAAAATAGTCCCGTAGTCTGTAGTCTGTGGTTGACTTGTGCTGCTTGGGTGGGATATTT  
TCCCTGGGTCCTCTATGTGAACAAATAGCAATCCTGTTCTGTGAATGGCCTACTCAGCTCTTACTGTTTT  
GACTTGAATTTTGTACCAAAAGACTTCATATGTGTACCATCAATAAAGTGTATGTTGCAAAATGGCAAAAA  
AA  
AAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** BC054839  
**Insert Size:** 2355 bp

<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>	<a href="#">BC054839</a> , <a href="#">AAH54839</a>
<b>RefSeq Size:</b>	3099 bp
<b>RefSeq ORF:</b>	2355 bp
<b>Locus ID:</b>	67416
<b>Cytogenetics:</b>	X E3
<b>Gene Summary:</b>	May regulate the dynamics and distribution of mitochondria in neural cells.[UniProtKB/Swiss-Prot Function]