

Product datasheet for **RN203967**

Armcx2 (NM_001014274) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Armcx2 (NM_001014274) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Armcx2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203967 representing NM_001014274
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCCGAGCTCGGGATGCTGGCTGTGTAGTCTGGAATAGTATTGGGGCTAGTGCCTGGTACTGTG
 TCTACAAATACACTAGGGGGAAAGAACAAGAAAGAGACTGGCCAAGCCAAGAACCGGCCTCTGT
 GGGTACTGGAAGTAGGGCTAGAGCTGGGCTAAGAGCTGGTTTCACAATTGACCTTGGGCCAGGATCAAT
 CCCCCAACCCAGTCAAGTGTGAGACAATGAACAAGGCCGAAGAAGCCTCCAGTCTTCCACAGCTGTAG
 CTGAAGAGGTGGCACCCACTGCACCCAGTCTAAGGTTTCAAGTGGGGCAGAAAGGAAAGTCCAGGAGCT
 AAAGTCAGGAAGTGAAGTAAATGGAATCTATAGTCTGACTTCAGCTGCCTGTGCAGTTACACCTCT
 CCCAAGGTGACAGGGCCTCTCACTGCTGCAGAGGCTCCAGAAATAGTAGGGGGTCCCAAAGTGGTAGAAA
 CTTCTAGCACCACAGAGGCTCTGCGGCAGTAGCATCCCTGGGCCAGCAGTATCTCCGAGGGTAGCACA
 GTCTCCTGGGCCAGCAGACCTTCAACATCAATAGTGTCTCCTGGGCCAACAGCAATTCCTGGGCAGTA
 GCACATCCTGGGACAGTCCAGTCTCCTGGGTGAGCAGCAACTGCCATGGCAGTGCAGTCTCTTGTGCCAG
 CATCCCTTCGTGGGCAGTAGTAGCACCTCCTGGGGCAGTCTACATTCTGTGGCAGCCACTTCACTGG
 GCCAGCAGCAGCTCCCAGGATAACCCAGTCCCCTGGCACGGTGATACCTCCGCTTCCACCCCATCATCA
 GTGCTTCCCAGGGGAGTCCCAACAGTGCCTACCAGAACAGTTCAGTCTCCCGGGGAGCAGTACATCCTG
 TGGCAGCCAGTCTCCTGGGGTAGTGCCTCCTAGGACTGTCCAGTATTCTGGGGCAACAGTGCCTTCCGG
 GGCACCAGCAACTCCTAGGGCAGCGCATCTACCAGAGGGCAGCAACCACAGAGTCCCTAGGGCAGCA
 GCACCTGCTGAAGTACAGGGACTCCTGGAACAGGAACACCTGCCGTGGTAGTGAAGCTTCTCTGCCCA
 TGCATTTCTGGGGCTGCAGAGACTCCTGGGACTTCAGGGTCTCTAAGACAGCAGCCACAGGCAAGAAAG
 AGCCCCAGGAGTTCACACTGGGGCTATACCTAAGACTGGGGCAGCCACTGGAGCTGTTCCCAAAGGTGGA
 GGCAAAGGTGAAACAAGAACCAGTGGAGGCAAGGGCAAAAAATAGGAAGAACAAGGTTGAAGTGGATG
 AATTGGGGATGGGTTTCCGTCCTGGTGATGGCGCAGCAGCGGCTGCTGCAGCTTCTGCTAATGGGGGCA
 AGCCTTCTAGCAGAGATCCCTGAATCTGAGGAAGGGGAGTCTGGGTGGACTGATACTGAGTCAAGTCT
 GACTCTGAGCCAGAGTCCAGCAGAGGGGAAAGGGAAGAGAACCATTCCCATGCATAAGCGCCCTTTC
 CATATGAAATCGATGAGATTCTAGGTGTTTCGAGATCTCAGAAAAGTCTAGCCTTGCTTCAAGTCAAG
 CGACCCCTTCAATCAGCAAGTGGCCCTGCTCACCTGAGCAACAATGCCAACTATTCGTGTAATCAAGAA
 ACAATCCGAAAGTTGGGAGGCCTCCCAATTATTGCAAACATGATCAATAAGACTGACCCCCACATTAAGG
 AAAAAGCCTTGATGGCCATGAATAACCTGAGTGAATAATGAGAACCAGGGCCGACTTCAGGTGTACAT
 GAATAAAGTATGGATGATGTCATGGCCTTAACCTGAACTCGGCGGTGCAGGTAGTTGGGCTAAAATTT
 CTAACGAACATGACTATTACTAATGACTACCAGCACCTGCTGGTCAATTCATTGCAAACCTTTTCCGCT
 TGTATCTCAGGGGGTGGAAAAATCAAGGTTGAGATTCTAAAAATCCTTTCAAACCTTTGCTGAAAAATCC
 AGACATGCTAAAGAACTTCTTGGTACCAAGTGGCGTCACTTCAGTTCCTTTATAATTCTTATGTG
 GAATCAGAAATCTTATTAATGCCCTTACTCTATTTGAGATTATCTTTGACAACCTCAGAGCAGAAGTGT
 TCAACTCAGGGAATTAACAAGGGTCCCTGTTTTACTTATGTACTACATCTGGGGTGTGTGTAAGAA
 AATTTCAGCCTTAGCAAATCACCATGACCTCTTGGTAAAAGTAAAAGTTATAAGCTGGTAAACAAATTC
 TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001014274
Insert Size: 2313 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).
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	<u>NM_001014274.1</u> , <u>NP_001014296.1</u>
RefSeq Size:	3320 bp
RefSeq ORF:	2313 bp
Locus ID:	367903
Cytogenetics:	Xq32