

Product datasheet for **MC201494**

Armcx6 (NM_001007578) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Armcx6 (NM_001007578) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Armcx6
Synonyms:	AW060994
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC027264 sequence for NM_001007578
 TGTTAGTCGCCTCTGACTGGGTACCAACCCCTATTACTCTGCAGGCGCGTGAAGGAGAAGGAACTCGC
 TGGGACCGTGCAGGTCTCCGCTGGAGCCTAGACTTGAGAAGAAGCAACCCGCCTTGGTTGGAACCTTGCT
 GCAGGTTTGAAGTGGGATTCATCTGATCCTAAAGACTCGGTCCACCTATCTCCGTGGAGGGAATACAG
 CAGAAGCCACCAGAAGAAAAAGGAATTCATTTGGTTTTGTAGAGATTCATGACAAGAATCGCAGAAGC
 CTAGAAGAGGCTGAAGATTACTAGCCTGAACTATTAATCCACACATCCGCTGACCGTTCTCTTCAATCAG
 GTGAAGAAGGCCCTCTTCTTTCTGGCCACAAGGCTCACACACCTATAAGCATGGGTGCGGCCCGGGAAA
 TGGGTTGGATGGCAGCCGACTCATGATTGGAGCTGGTGCTGTTACTGCATGTACAAACTGACCATGGG
 AAGAAGTGAGGGGAACGAGCTGGAGGACGAGGAGGAAGATGAATGGGAAGATGGACAGGATCTGGATGAA
 GAGGAAGCAGACAATTGGTTTGATTTCACAGCAATGGCTCGACCCTGGAGTGAGGATGGGGACTGGGATG
 AACCTGGGGCCCCAGGTGGGACTGAGGACAGACGGTCAGGTGGTGGAAAGGCAAACAGAGCACACCCAAT
 CAAGCAGCGGCCATTCCCTTATGAACATAAAAAACATATGGGGTGAACAGAGCTTTAAATCCTTCACTTGT
 ATTCTTGACCTGAACAAGTGTGTTTCCACTCAAAGAAAGAAAAGGTTACGAAGAACATAAATGCTGGCT
 TTTCCCTTAGCCCAATATCAGTAAACATCTGGCCAGCCTATCAGTGGTTGGAAACAGGAGTCCCACCCC
 CCATCCCCTGTGAGGGAGAAGGCTCTGTTTGTCCCTGAAAACCCAAACAGCAGCCTTGAAAATCAGGGC
 CAGATTAAGATGTCCATTGATGAAGTGTGTCGAGAGACTGTTGTGTTGCTGCAAGTCTTTTCTGCAGC
 AGGCAGGATTAAGTCTGCTAATAAGCATGACAGTCATTAATAACATGCTTGCCAAGTCTGTTTCAGACCT
 GAAGTTTCCTTTGCTATCCAAGGGGAGTGGATGTGCAGAGGTGCGGGGCTTGGAAAGACTGATGAGTTTG
 TCTGAAAAGCCAGTGCTGGTGGGGGAAGCACTGGCTGCCCAAATGCTCTCCTCCTTCATGTGCCTTTTA
 CCAGAAGTGGGAGCAGAGAGATGCTTGTGGAAGCCATCTCCCCTAAGTGGCTGTCTCAGAAAGAATGAG
 ACTGAAGCCACCCAGAGCCTGAGCACTTCCCTGAGGGCAAAGAGGCTGCAGTGGGTGCCACTAAGGATGC
 AGCCTTAGCCAGTCAGCTCCTCCCTGGGTGAGAGTTCCTTCCACTGTCTAAATGGAGGGCTACACTCTGA
 CTGGCCAGGCAGGGCTCCTCCAGAGCTGTGGCAACTTCTGGGTTTTGTAGTTTGCAGTAAAGTGCATT
 GTAATTGCTGCCCTGCAGCCTTCTTCATGTGGTAAAGGGTAAGGGGCTCCCCGTGGCCACTAGCTGGGG
 ATGACTAACAGCAATCAGAGCATAGAGGTGAAGGGTAAGGGGATGCCCGCGGCCACTAGCTGGGAAAC
 TAACAGCAAGTCACAGCATCAGAGTGAATGTTGCTGTTGCTGTGGTATCTCCCTGTCTAAGCGTGAA
 CCCTTAGCAGAAATGACACCCATATGAGAGCTTGTGCCAAATACCCCTTCTGCTGCTGCTGCTGCTG
 CTTAGATAGAAGTAATCCCTTCTCCTGTCTACTACTAGCTGATGGATGGCTAGCATGTTAATCAAGA
 GATGCACTCCCTCCTGTCCACTGTAGTACTGACCTCTTAATCCCAGTCCCTTACCCTACCCCCAG
 TTTGTATCCTCAATAAACTGTGTGCTTTGATTGGCAAGACAATTAACAGGGAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_001007578

Insert Size: 906 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:

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: [BC027264](#), [AAH27264](#)

RefSeq Size: 2051 bp

RefSeq ORF: 906 bp

Locus ID: 278097

UniProt ID: [Q8K3A6](#)

Cytogenetics: X E3

Gene Summary: May regulate the dynamics and distribution of mitochondria in neural cells.[UniProtKB/Swiss-Prot Function]