

Product datasheet for SC301411

ARMCX6 (NM_001009584) Human Untagged Clone

Product data:

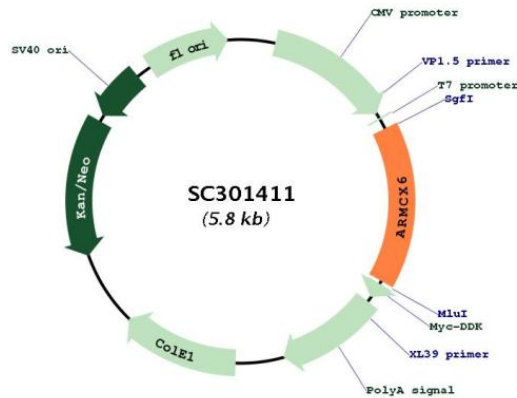
Product Type:	Expression Plasmids
Product Name:	ARMCX6 (NM_001009584) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARMCX6
Synonyms:	GASP10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC301411 representing NM_001009584. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGCCGGGCTCGGAAGTGGTTGGATGGCGGCAGGACTGATGATTGGGGCTGGTGCCTGCTACTGC
GTTTACAAACTGACCATAGGAAGAGATGACAGTGAGAAGCTGGAGGAGGAGGGGAAGAGGAGTGGGAC
GATGACCAGGAGCTGGATGAGGAGGAGCCTGATATTTGGTTTGATTTGAAACTATGGCTCGGCCCTGG
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AAGGCCAACCGAGCACACCCAATAAAACAGCGGCCATCCCTATGAACATAAAAATACTTGGAGTGCT
CAAAATTGTAAAATGGCAGTTGTGTTCTGGACCTCTCCAAGTGTCTTTTCATTCAGGGAAAAGTGTG
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AATGCGAGTATTGAAAGTCAGGGCCAGATTAAGATGTACATCAATGAAGTGTGTCGGGAGACTGTGTCA
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CAGGTTTTGAAACCGCTGATGGGTTTGTCTGAAAAGCCAGTCTTGGCGGGGAGTTAGTCGGTGCCAG
ATGCTCTTCTCATTATGTCCTCTTTATCAGAAATGGAACAGAGAGATTCTCTGAAACCCCTGCC
CCATAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001009584

Insert Size: 903 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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: [NM_001009584.1](#)

RefSeq Size: 1783 bp

RefSeq ORF: 903 bp

Locus ID:	54470
UniProt ID:	Q7L4S7
Cytogenetics:	Xq22.1
Protein Families:	Transmembrane
MW:	33 kDa
Gene Summary:	May regulate the dynamics and distribution of mitochondria in neural cells.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 3. Variants 1, 2, and 3 all encode the same protein.