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Product datasheet for SC320748

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-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

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>OriGene sequence for NM_001009584.1
CACGTGACCAAGAGCCGCCTAGAGCACAAGTCCTGCTAGTCGCCTCCGTCTGGGTACCAG
CCCCCTATTACTCTGCAGGCGTGTGAAGAAAGAAGGAAACTAGCTCGGACCGTGCAGGTT
TGTAGGTCTGTTGGCCTGTAGGTTTCGGCACAAGTTTCAGCGAGAGAAGGAGAAAACTGC
CTTGGTTGGAACCTTGCAGATTCATCACAAGAGAGCTACAAGAGCCTGGAAGAAGCTGAA
GACTGCTACCCTCCATCCTTACTCACCCTGGACCTGAGAGACCTCTTCAATCAGGTGGAG
CAAGGCCCTCTCCTGTCCTGCCCCAAGGCTGGCACAGACTTGAGCATGGGCCGGGCTCGG
GAAGTGGGTTGGATGGCGGCAGGACTGATGATTGGGGCTGGTGCCTGCTACTGCGTTTAC
AAACTGACCATAGGAAGAGATGACAGTGAGAAGCTGGAGGAGGAGGGGGAAGAGGAGTGG
GACGATGACCAGGAGCTGGATGAGGAGGAGCCTGATATTTGGTTTGATTTTGAAACTATG
GCTCGGCCCTGGACTGAGGATGGGGATTGGACTGAACCTGGGGCCCCAGGTGGCACTGAG
GACAGGCCCTCAGGGGGAGGCAAGGCCAACCGAGCACACCCAATAAAACAGCGGCCATTC
CCCTATGAACATAAAAATACTTGGAGTGCTCAAAATTGTAAAAATGGCAGTTGTGTTCTG
GACCTCTCCAAGTGTCTTTTCATTCAGGGAAAACTGTTGTTTGCCGAGCCCAAGGATGCG
GGCTTTCCATTTAGCCAGGATATCAATAGCCATTTGGCCAGCCTCTCAATGGCTAGAAAC
ACGAGCCCCACTCCAGACCCCACTGTTAGAGAGGCTTTGTGTGCCCCGGATAACTTAAAT
GCGAGTATTGAAAGTCAGGGCCAGATTAAGATGTACATCAATGAAGTGTGTCGGGAGACT
GTGTCACGTTGCTGCAACTCATTTCTGCAGCAGGCCGGATTAAATTTGTTAATAAGCATG
ACAGTTATTAATAACATGCTTGCCAAGTCCGCTTCAGACTTGAAGTTTCCTTTGATATCA
GAGGGAAGTGGATGTGCTAAGGTTCAGGTTTTGAAACCGCTGATGGGTTTGTCTGAAAAG
CCAGTCTTGGCGGGGGAGTTAGTCGGTGCCCAGATGCTCTTCTCATTCATGTCCCTCTTT
ATCAGAAATGGAAACAGAGAGATTCTCCTGGAAACCCCTGCCCCATAAACGGCCCTCTCG
AACACAATGGGACGGAATCCACCCACAACGCGCTTGGTTTGCAGATGTCAAAGAATCTGC
AGAGGGTGCTACTGAAGATCCAGCCTTAGCCAATCACCACCTCATTGGGTGAAAGTTCCA
GGGCTCAATCCAGGACCACACTCTTATTGGCCAGGCAGGGGCTCCCACAGAGCTTTGAGT
AACTTCTTGGTTGTGCAGTCTGCAGGCAATGTTGGCATTGTAAATTCCTCCCTTGCAGCC
TCCTTCATGTGGTGAGGGGATCACTTCAGCTGCCTGCTGTGGACAAAGAACATCAAATTA
CAGCATCACGAGTGCTATTGTTGCCTGTGGTGGTCTCCCTGTCCAAGCGGGACCGCTTTG
CAGAGACCAGAGGCATATCGCGGCTTGAGCTGAAAATGCATTTGTTGCAGCTTAGGTTGA
ATTATTTTTCGTTTGCTCTTTCTTCTACACGCGCCTGATGGATAGTGAACCTATTCATCA
AAAAAGTGCACTGCTCTTCTGTCTATTGTACCGACTTAACCTCTTCCACCCAAGTCCGCA
TCTGTGTGTATCATCAATAAAGTTGTGTGCTTTGATTGGCAAAAAAAAAAAAAAAAAAAA
AAAAAAAAA
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Restriction Sites: Please inquire

ACCN: NM_001009584

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, NP_001009584.1
RefSeq Size:	1783 bp
RefSeq ORF:	903 bp
Locus ID:	54470
UniProt ID:	Q7L4S7
Cytogenetics:	Xq22.1
Protein Families:	Transmembrane
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.